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LAKE UNION DRYDOCK COMPANY  
Casualty Control Procedure  
Drydock 6 & 7

Communications

- Primary - Battery powered transceiver headsets in quantity to provide back up.  
#1 Alternate - Battery powered megaphone.  
#2 Alternate - Combination voice and hand signals.

Loss of Communication

Scenerio

All personnel at stations are visible to the Dockmaster and the adjacent operating station such that a failure of communications poses no significant threat to the safety of operations, however good clear communications enhance the operation thus the following procedures are in effect.

Situation

Action

Failure of primary unit

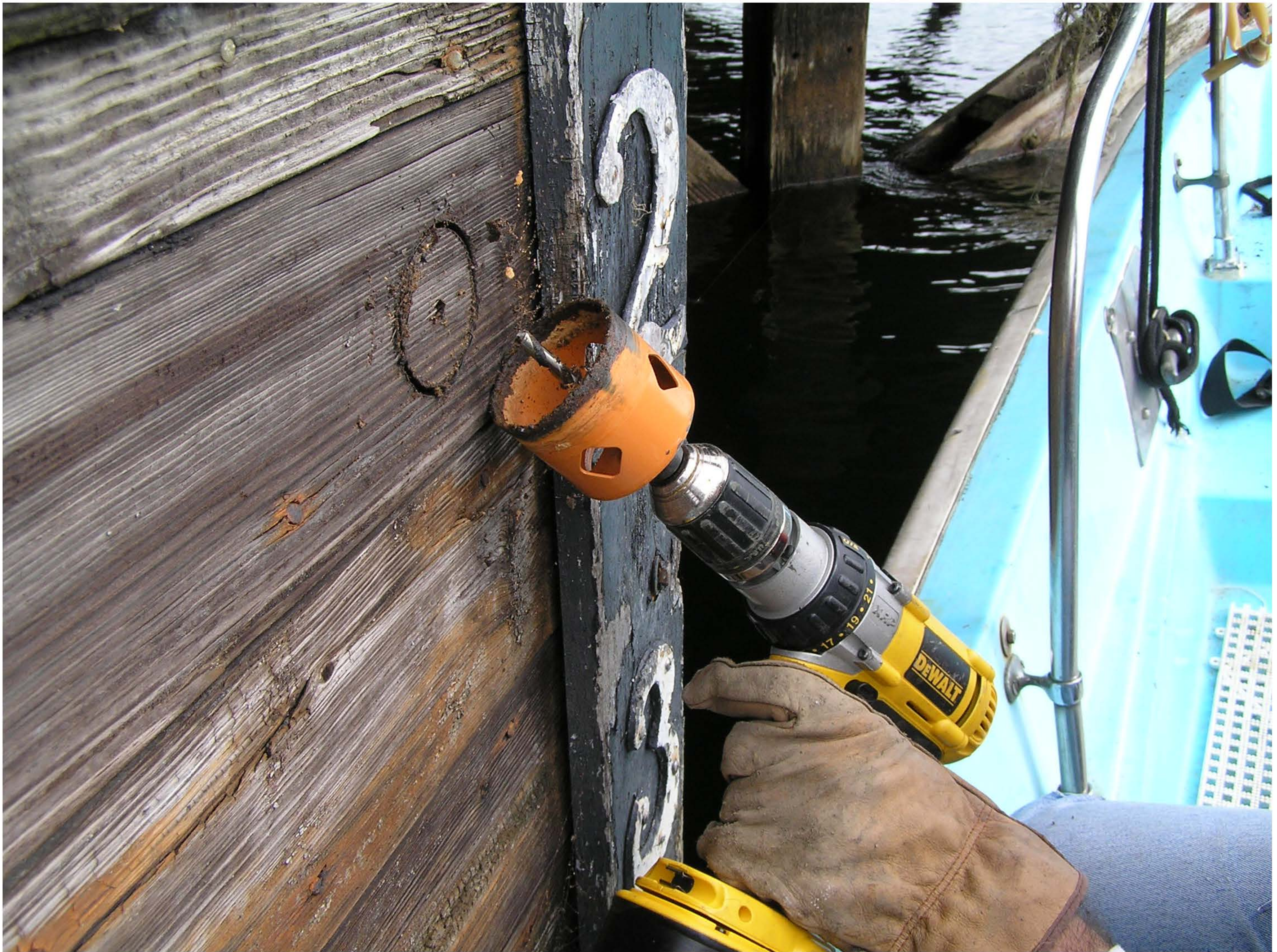
1. Replace unit with standby.
2. When standby exhausted, reposition operating units to distant stations and combine with megaphone to near stations.

Failure of #1 alternate

1. Place #2 alternate in use to nearest wingman who shall relay to farthest station.

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boxes

























































































































































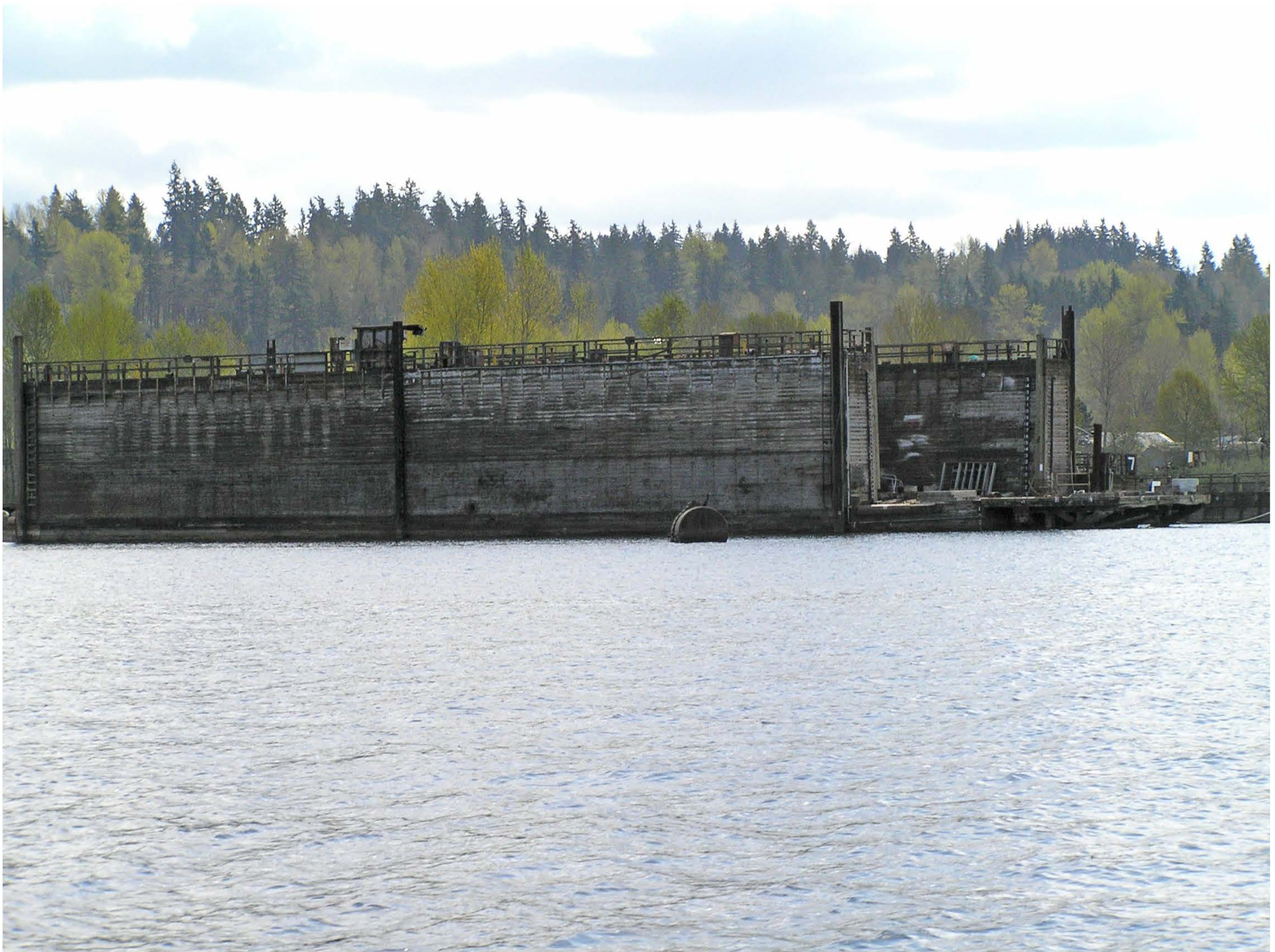


























































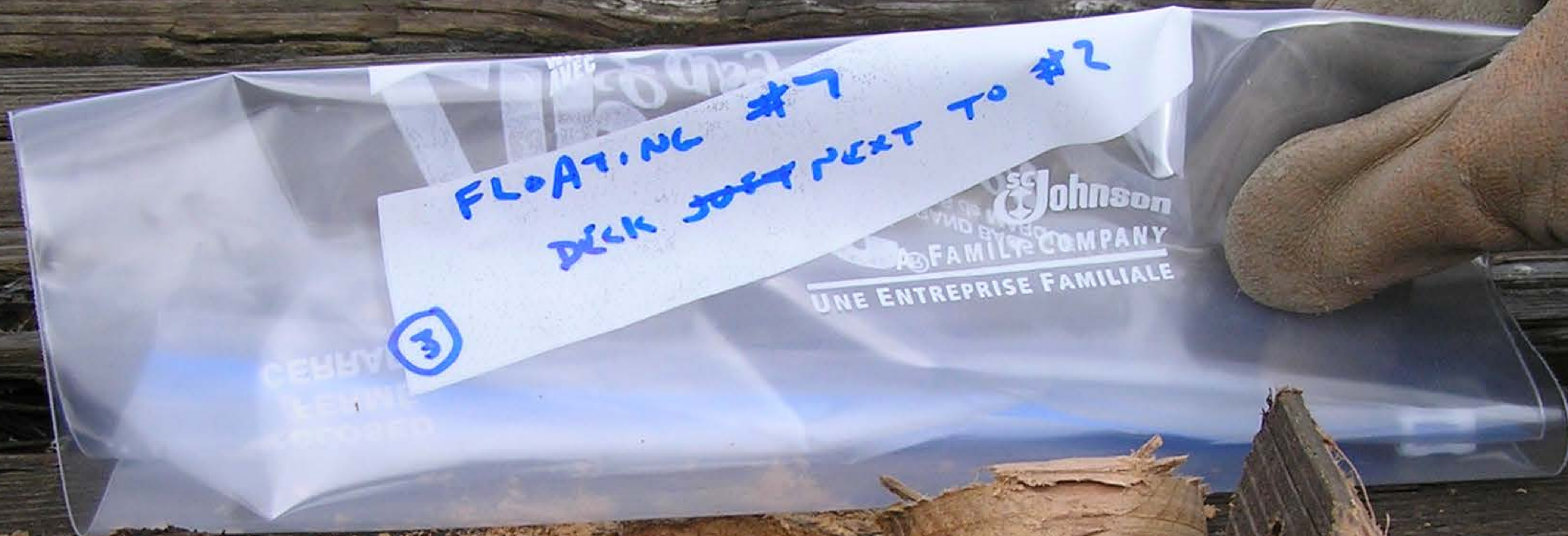


CLOSED  
FERMÉ  
CERRADO

Ziploc®  
Easy Zipper  
#7 ~ 6x10  
timber

Johnson  
A FAMILY COMPANY  
UNE ENTREPRISE FAMILIALE































# LAKE UNION DRYDOCK COMPANY

## Casualty Control Procedure Drydock 6 & 7

### Loss of Communication

#### Communications

- Primary - Battery powered transceiver headsets in quantity to provide back
- 1 Alternate - Battery powered megaphone.
- 2 Alternate - Combination voice and hand signals.

#### Scenario

1 personnel at stations are visible to the Dockmaster and the adjacent operations such that a failure of communications poses no significant threat to safety of operations, however good clear communications enhance the operations. The following procedures are in effect.



























LAKE UNION DRYDOCK COMPANY  
Casualty Control Procedure  
Drydock 6 & 7

Communications

Primary

-Battery powered transceiver headsets in quantity to provide back up.

#1 Alternate -Battery powered megaphone.

#2 Alternate -Combination voice and hand signals.

Scenerio

All personnel at stations are visible to the Dockmaster and the adjacent operating station such that a failure of communications poses no significant threat to the safety of operations, however good clear communications enhance the operation thus the following procedures are in effect.

Situation

Failure of primary unit

Action

1. Replace unit with standby.
2. When standby exhausted, reposition operating units to distant stations and combine with megaphone to near stations.

Failure of #1 alternate

1. Place #2 alternate in use to nearest wingman who shall relay to farthest station.

Loss of Communication

Lake Union Drydock Company  
Fire Procedure for Employees

Upon discovery of a fire either in the plant or on board a vessel, attempts should be made to immediately extinguish the fire before it can spread, using any personnel and equipment on the scene. Also send someone to notify the switchboard operator. If on board a vessel, notify the gangway watch also.

If the fire appears to be of dangerous proportions, the switchboard operator should be immediately notified. If a fire alarm box is closer (locations shown on attached sketch), trip the fire alarm first and then go to a telephone and notify the switchboard operator. Be sure to give the EXACT LOCATION of the fire as well as type, size, etc. Stay on the line until the operator has all required information.

If the fire is on board a vessel, every effort shall also be made to notify any onboard crew members (Commanding Officer, Chief Engineer, etc.).

Upon notification, the switchboard operator shall notify the Seattle Fire Department and blow the main yard whistle in the code (shown on attached sketch) to notify shipyard personnel. The main yard whistle shall blow five (5) times to get everyone's attention and then, after a pause, blow one (1), two (2), three (3), four (4), or five (5) times more to indicate the location in the yard of the fire. The attached sketch with the code is posted in several locations throughout the yard. Everyone should become familiar with the code and the locations where it is posted for quick reference, along with the locations of the fire alarm boxes and safety equipment such as stretchers, etc.

Immediately upon hearing the fire whistle, all employees should act according to the following plan. ALL personnel at the scene of a fire will stay (except someone to sound alarm) to combat the fire and/or render assistance as directed by the fire coordinator at the scene, when coordinator arrives.

- The on-scene fire coordinators are:
1. Plant Supt. - Jerry Rich
  2. Dockmaster - Jim Clifton
  3. Ship Supt. - F. A.
  4. Ship Supt. - F. A.



## Trace Metals Data Anomaly Form

Date(s) Occurred: 6/22/06

WG #(s): WG86334

☒ All samples in WKGP(s) or Sample #(s):

Project #(s): 421220

Matrix: ☐ Liquid ☒ Solid ☐ Air ☐ Tissue ☐ Calibration ☐ Other:

### I. Analysis/Digestion

☒ Total ☐ TCLP ☐ Other:  
☐ Dissolved ☐ SEM ☐ Subcontracted:

### II. Instrument

☐ CVAA ☐ CVAF ICP (☒ B ☐ E) ICP-MS (☐ PE ☐ X7 ☐ X II)

### III. Type of Sample/Analytical Anomaly

☒ Values Outside of Control Limits:

<sup>1</sup> ☐ Blank Contamination

<sup>2</sup> ☐ SB Spike Recoveries

<sup>3</sup> ☐ ISTD Recoveries

<sup>4</sup> ☒ LCS/SRM Recoveries

<sup>5</sup> ☒ MS/MSD Spike Recoveries

<sup>6</sup> ☐ MS/MSD RPD

<sup>7</sup> ☒ Sample/LD RPD

☐ Certified values developed by a method other than that which was used for the analysis.

<sup>8</sup> ☐ Holding time exceeded by:

<sup>9</sup> ☐ Insufficient sample amount.

<sup>10</sup> ☐ Inappropriate storage, container, or preservation.

<sup>11</sup> ☒ Other

**Anomaly Description:** 11a.) The instrument shut down during the initial analysis of WG86334. 4.) Antimony recovered at 75% in the LCS, ERA Soil, the LIMS control limits are 80-120%. 5.) Antimony recovered at 166% in the MS; the control limits are 75-125%. 7.) The Sample/LD RPD exceeded control limits for Cadmium (34%) and Nickel (107%). 11b.) Cu and Zn recoveries in the closing RDL solution exceed control limits.

### IV. Type of Project Anomaly

☐ SAP/Work Plan specified MDLs not met.  
☐ SAP/Work Plan specified QC frequency or QC type not met.  
☐ SAP/Work Plan specified methodology not used.  
☐ Sample exceeds regulatory and/or hazardous waste limits.  
☐ Sample data results are unusual or inconsistent with expected results.  
☐ Other



## Anomaly Description:

### V. Corrective Action Taken

- |                                                                                |                                                                           |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> Sample(s) re-analyzed                                 | <input checked="" type="checkbox"/> Sample(s) re-prepared and re-analyzed |
| <input type="checkbox"/> Sample(s) reported "AS IS"                            | <input type="checkbox"/> Exposure deleted                                 |
| <input checked="" type="checkbox"/> Data qualified with the following flags: * |                                                                           |
| <input type="checkbox"/> Other                                                 |                                                                           |

**Corrective Action Description:** *11a.) The concentrations of many metals in L39509-1 were high or overrange during the 1<sup>st</sup> prep and analysis of WG86334. When WG86334 was reprepared, it was reprepared using 0.5 g instead of 1.0 g to help mitigate the potential interfering effects of the overrange metals. 4.) The Sb result for the LCS was qualified with a \* flag. A control chart of 31 data points for Sb in ERA Soil show control limits of -53% to 135 %; the ERA certification lists performance limits for EPA method 3050 ranging from the detection limit to 223%. The 75% recovery is well within control chart limits. 5.) Whatever is biasing the MS result for Sb is present in both the 10X and neat aliquots; the 10X MS recovery is 153%. The MS recovery for Sb was flagged with an \* to indicate that the control limits were not met. No further corrective action was taken; the project data quality objectives were to characterize the sample for disposal, there are several elements that exceed hazardous waste control limits. 7.) The LD RPDs for Cd and Ni were qualified with a \* flag. This sample was very heterogeneous which contributed to the high RPDs for Cd and Ni. 11b.) Both Cu and Zn are high in the sample (WG86334-5) preceding the RDL solution. The high Cu and Zn recoveries of 122% and 128%, respectively, in the RDL solution are due to carry-over from the previous sample. Additionally, the concentration of Cu and Zn in the sample are 2000X and 5000X, respectively, the concentration of those analytes in the RDL solution. Cu and Zn met control limits for all other QC samples.*

### VI. Potential Effects on Data Quality

#### Based upon the expected performance of this method:

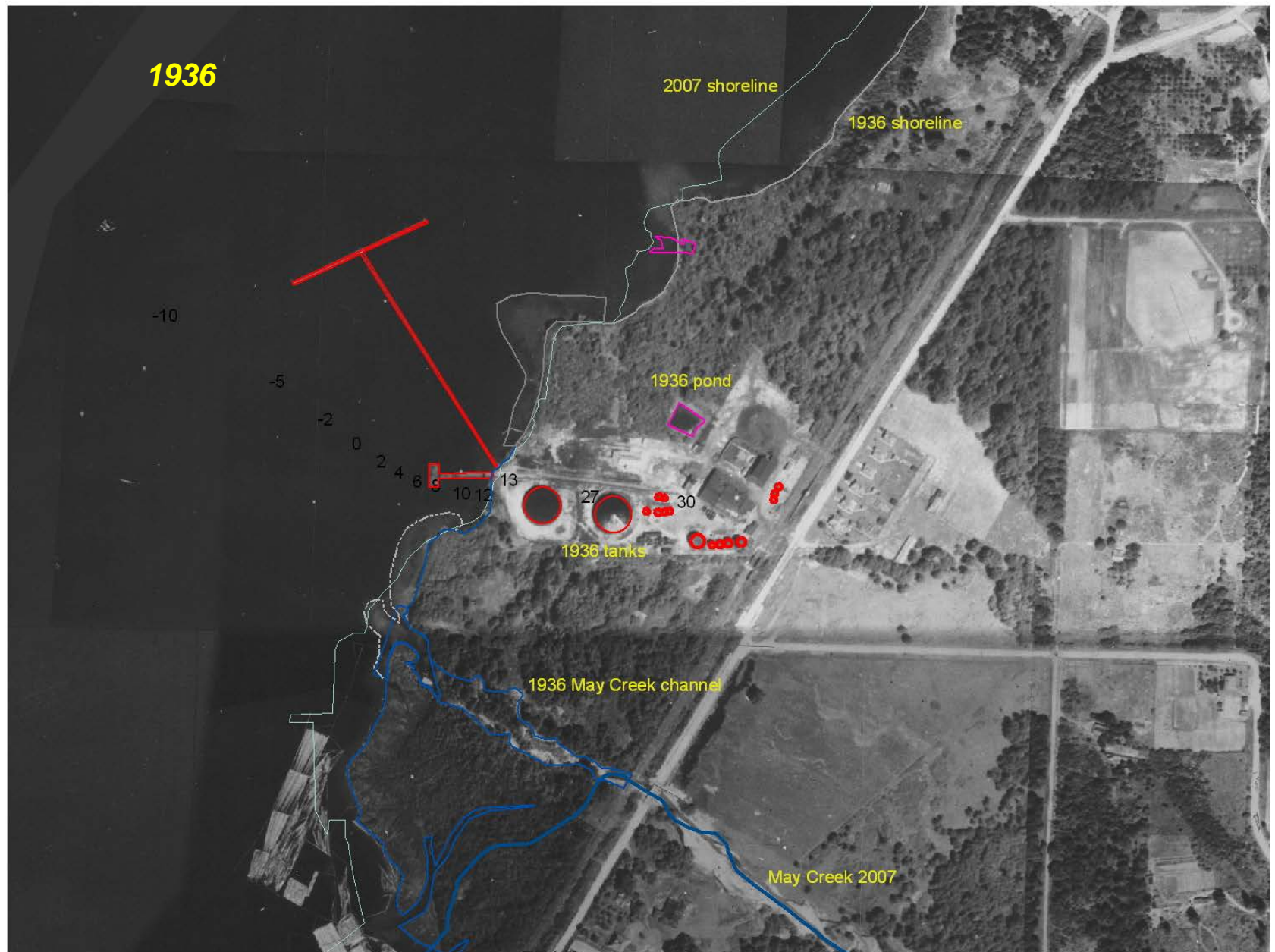
- ☒ It is likely the observed anomaly influenced the reported value(s).  
☒ It is unlikely the observed anomaly influenced the reported value(s).  
☐ The observed anomaly may have influenced the reported value(s).  
☐ It is unknown whether or not the observed anomaly affected the reported value(s).

**Explanation:** *The initial analytical issues did not have an effect on the reported data. The LCS and MS recoveries show that the data may be biased for Sb. The Sample/LD RPDs illustrate that the sample is heterogeneous and thus the sample values would likely differ if prepared for a 3<sup>rd</sup> time.*

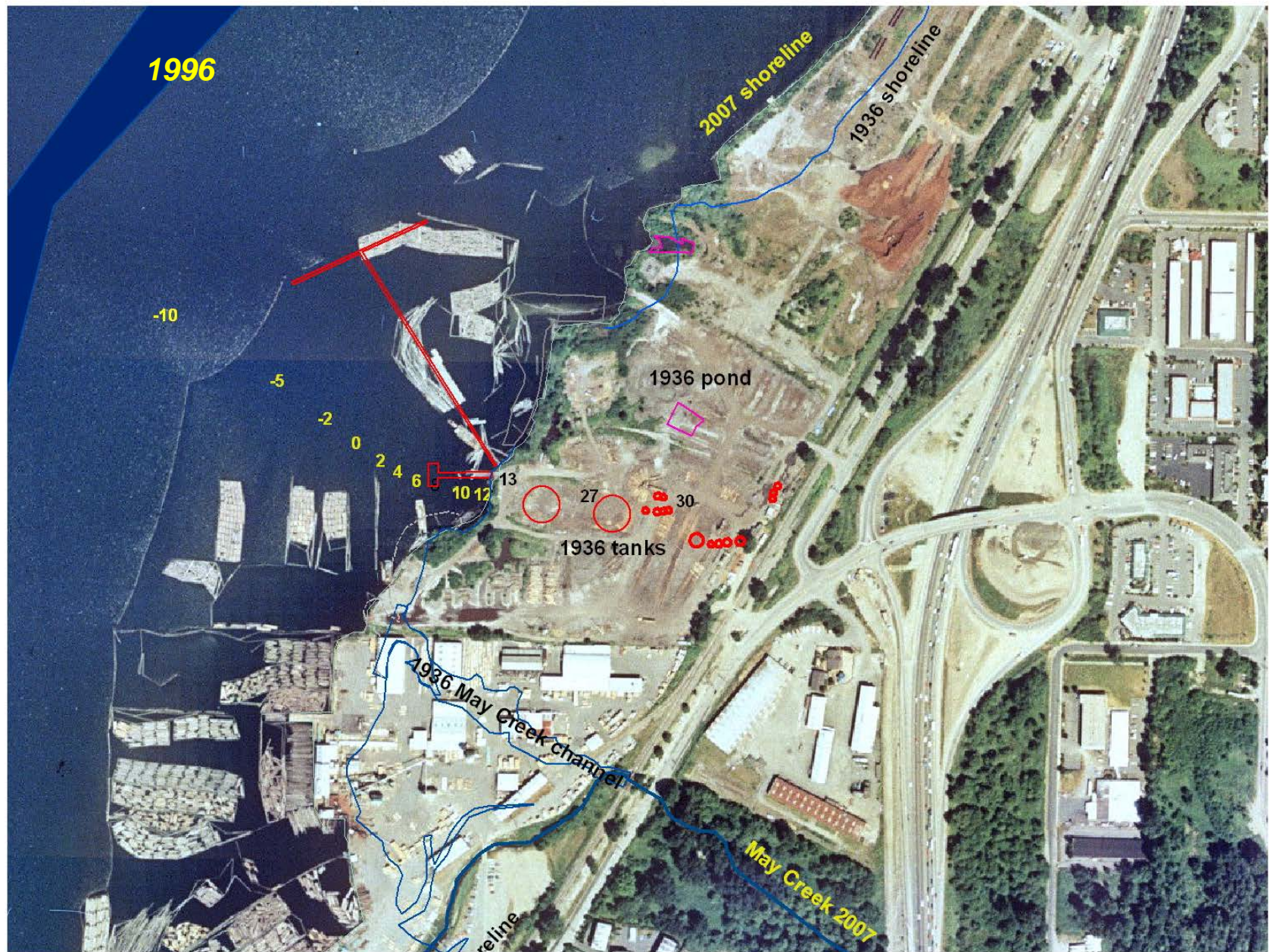


	Signatures	Signature Dates
<b>Reported By:</b> <i>Susannah Hochstein</i>		
<b>Reviewer:</b> <i>Kevin Cummings</i>		
<b>Supervisor:</b> <i>Diane McElhany</i>		
<b>QA Officer:</b> <i>Colin Elliott</i>		
(For QA1 only)		
<b>cc: LPM:</b>		

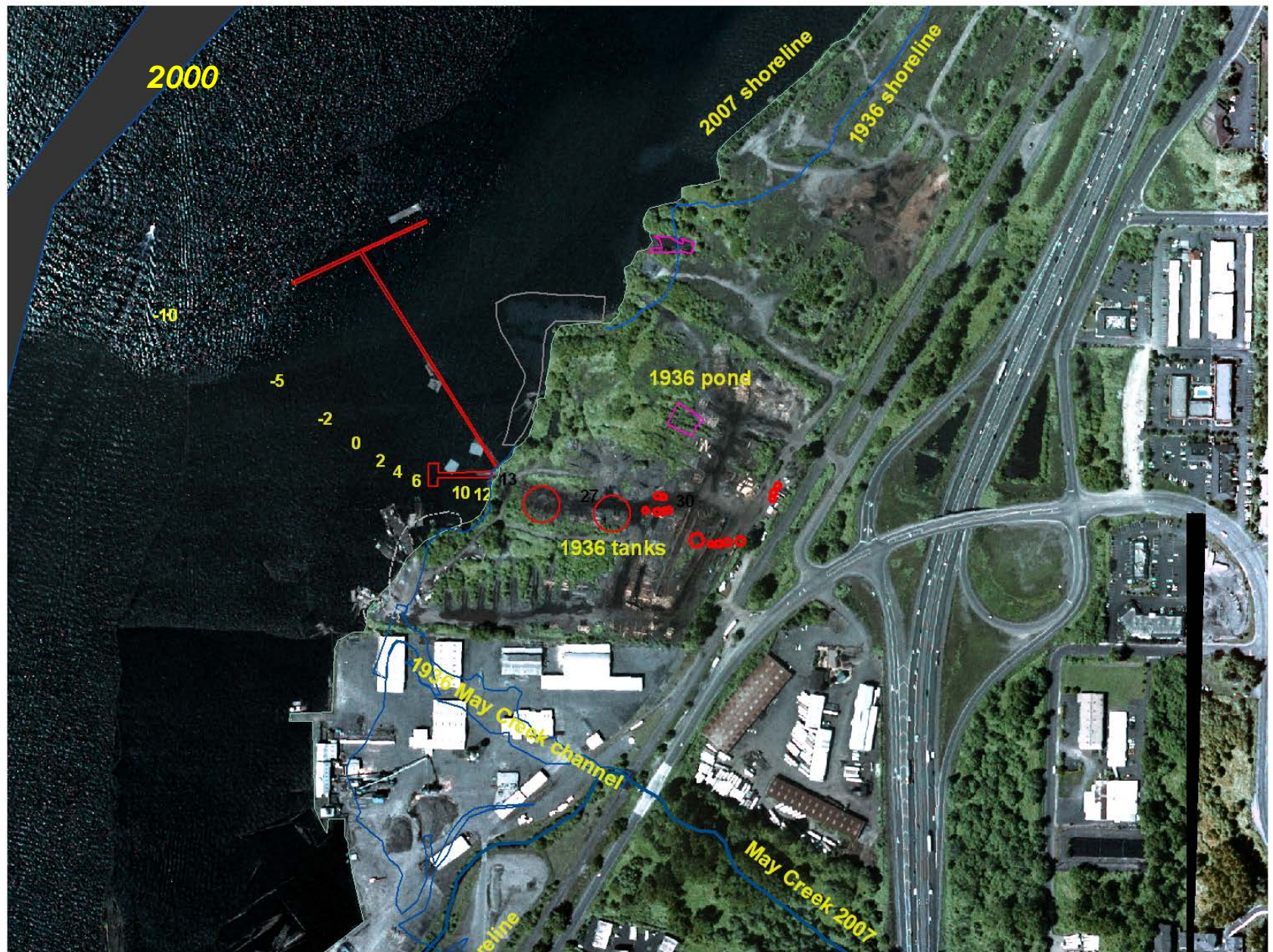




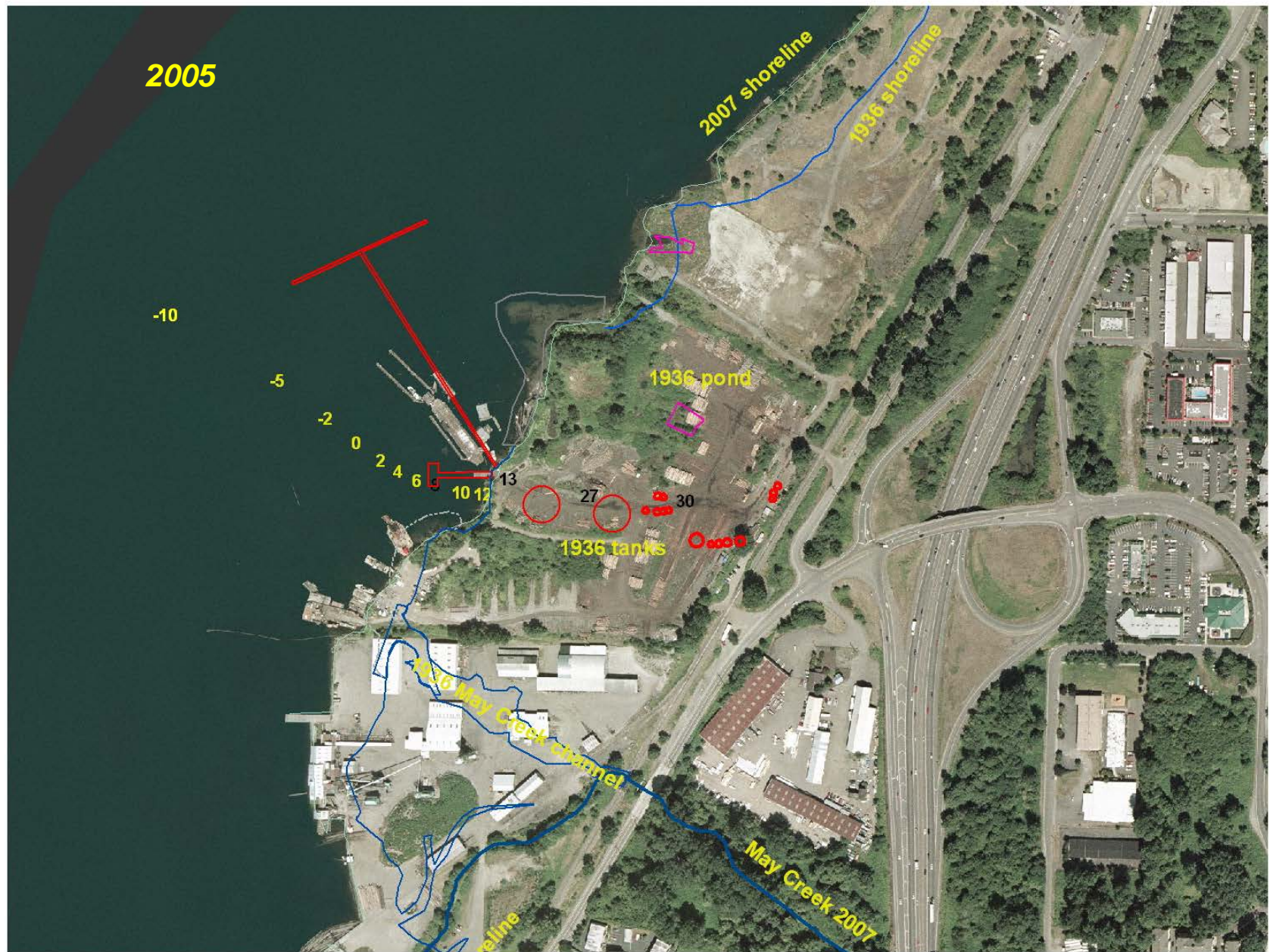




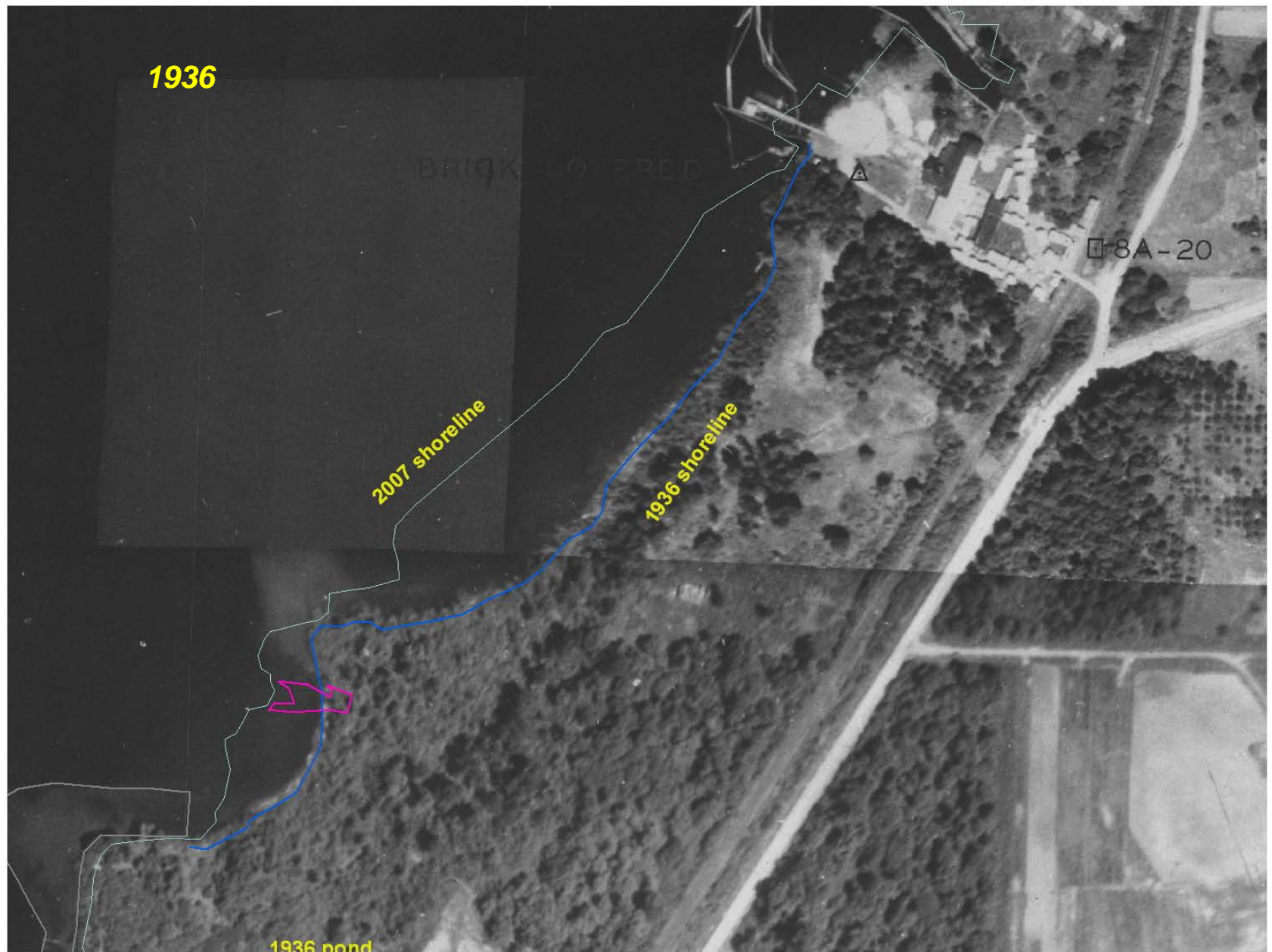








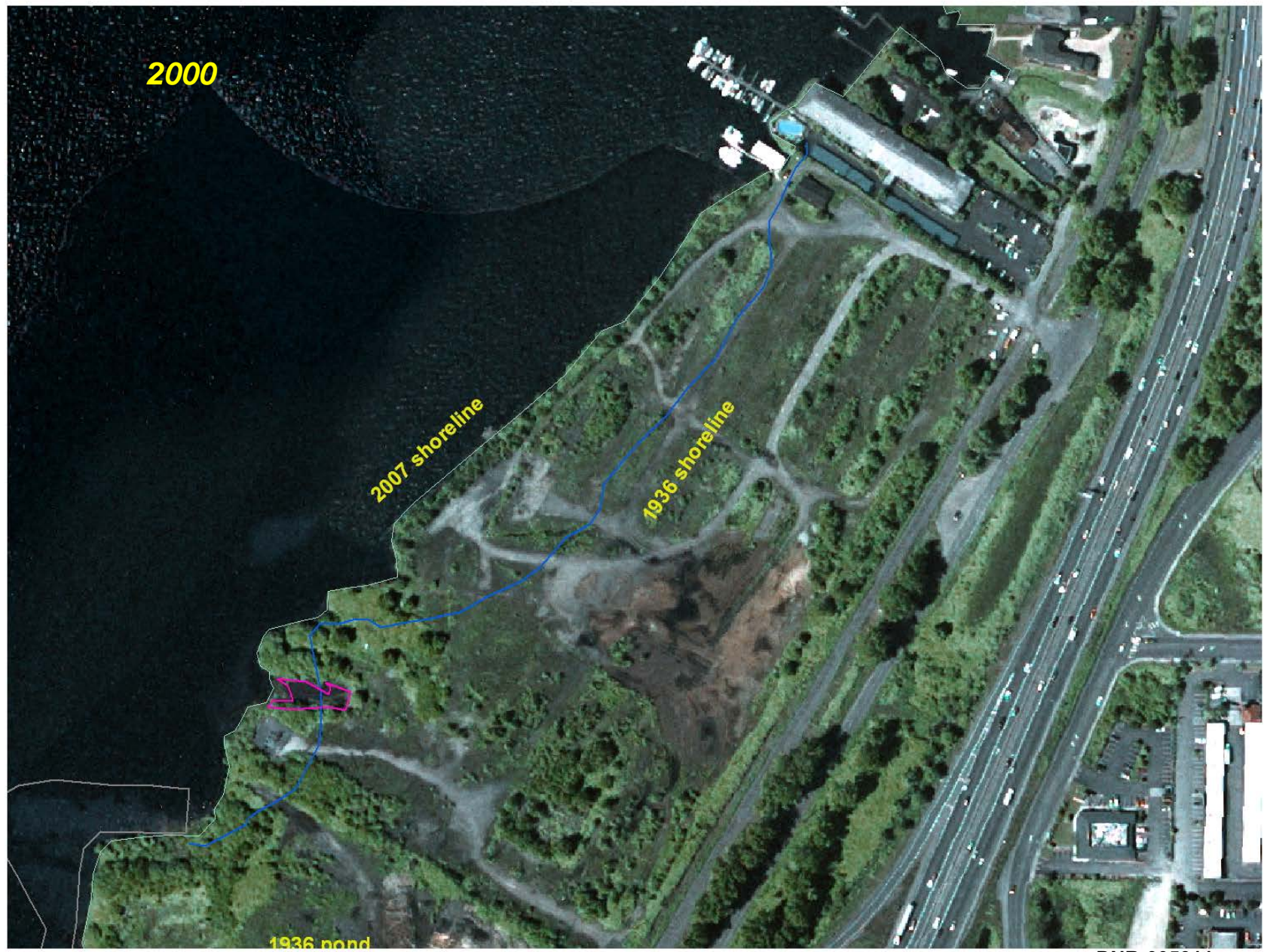














2005

2007 shoreline

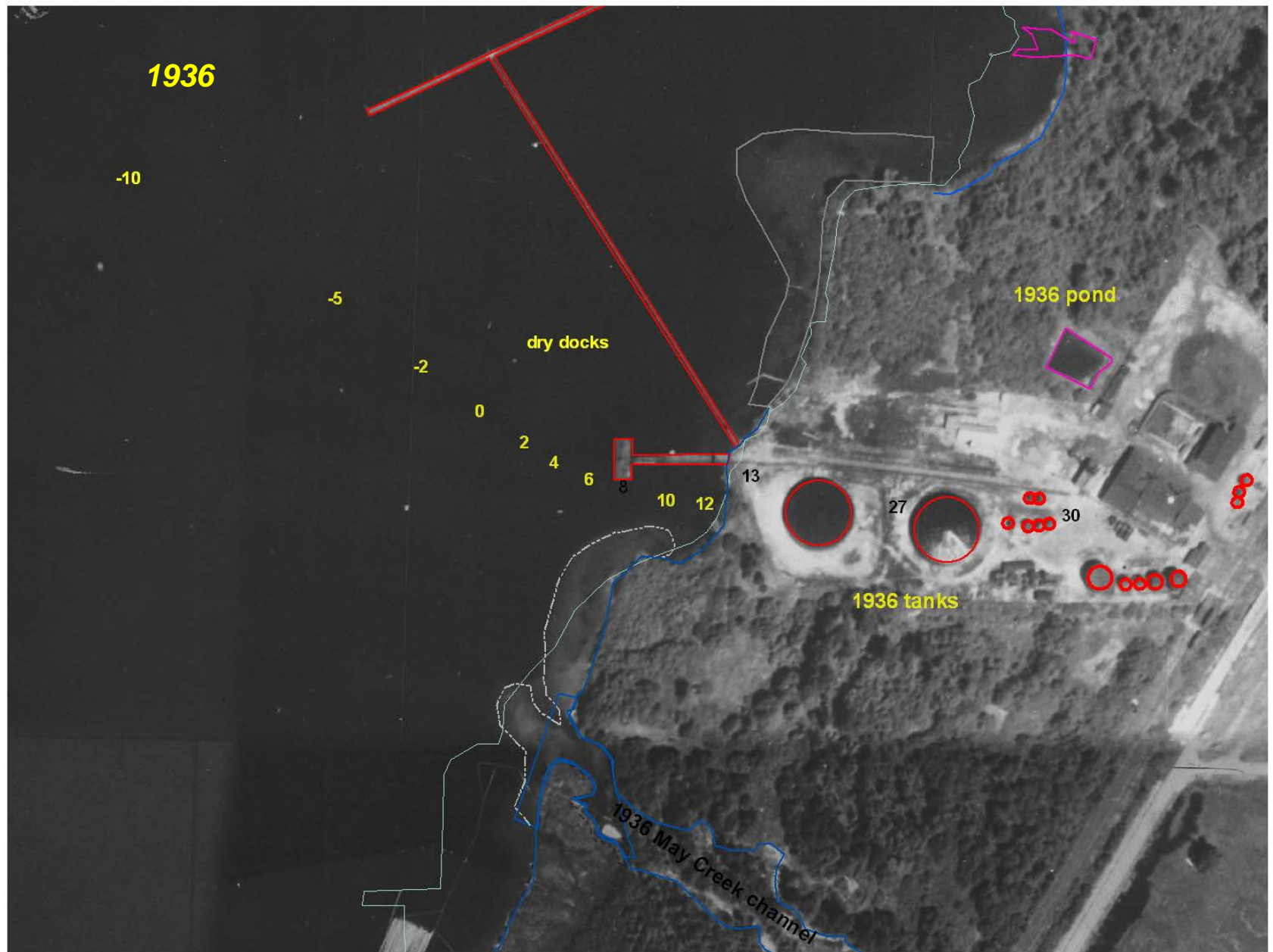
1936 shoreline

1936 pond

DNR-005312



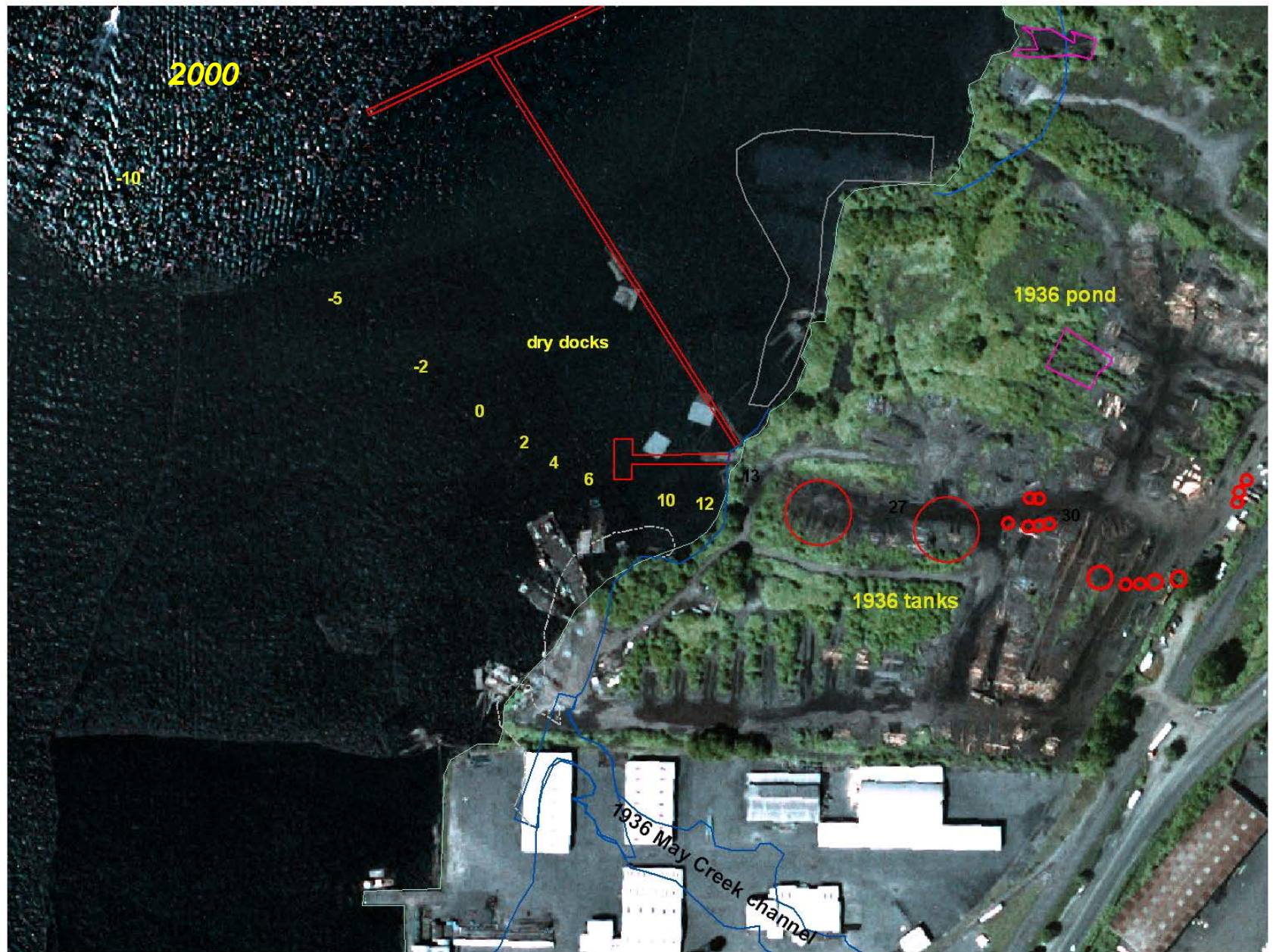




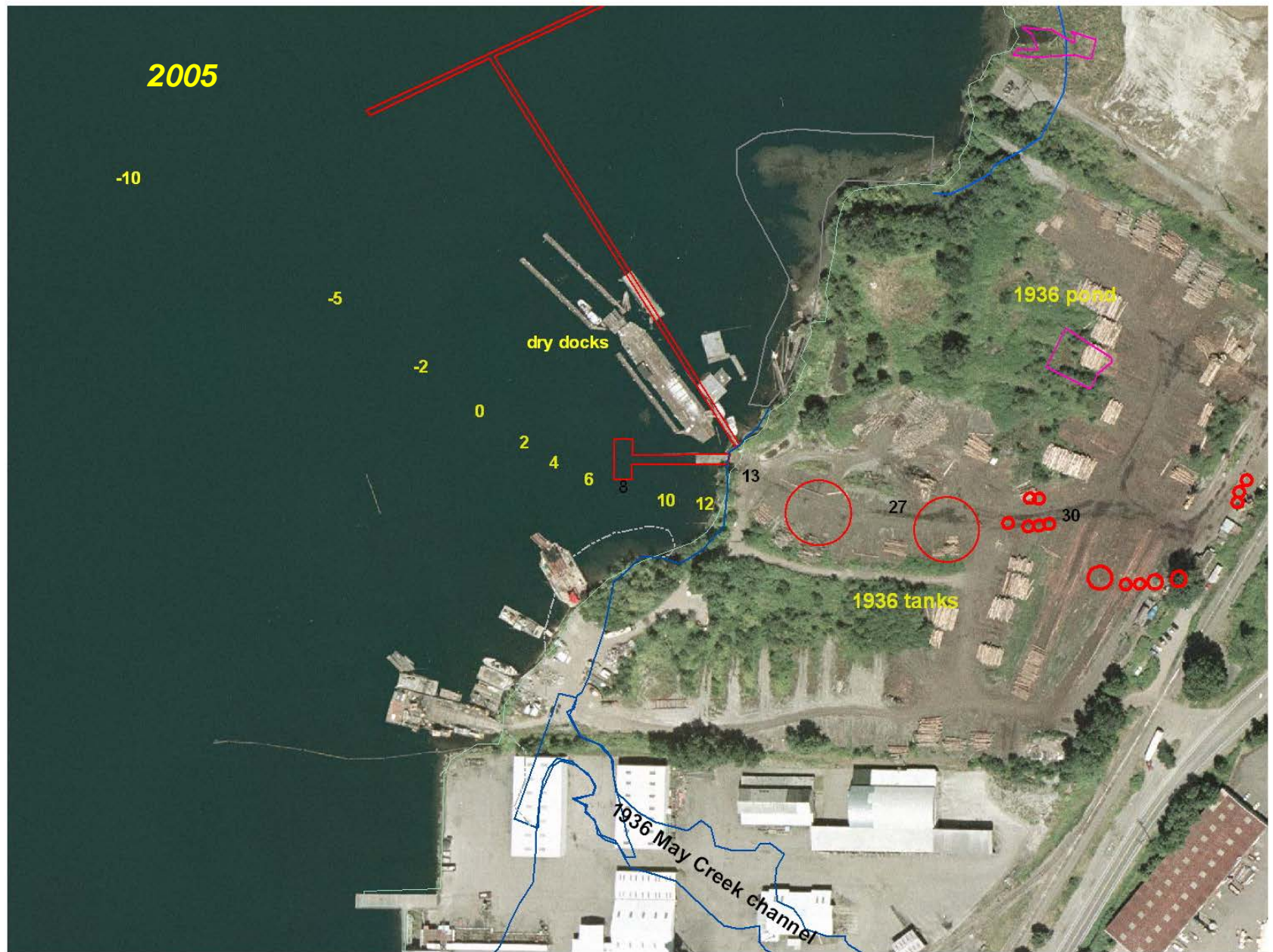






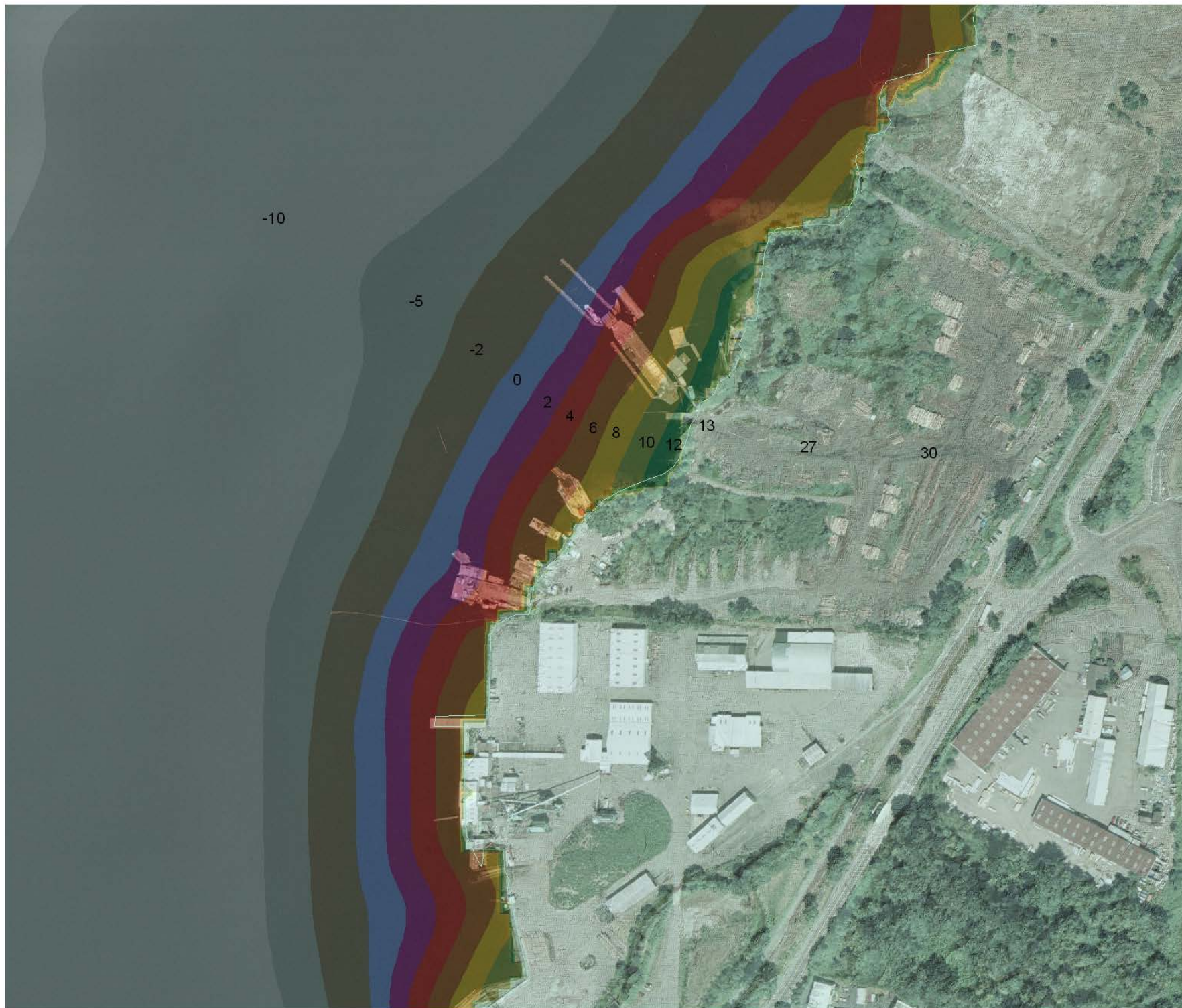






DNR-005316





DNR-005317



From: DURKIN, MONICA  
Sent: Wednesday, November 08, 2006 12:26 PM  
To: neal.parker@pse.com  
Cc: MONTGOMERY, MELISSA; THOMPSON, REX  
Subject: Piling Removal in Lake Wa

Hello Neal,

It was a pleasure talking with you today. I've attached to this email a map that shows the locations of the dolphins and pilings that we hope to remove this December. I've also attached a spreadsheet that describes what each of the points represents. I will be doing further research to determine exactly where the PSE cable is located in relation to the pilings we will be removing. I will keep you updated as to what I find and any maps I create. Any useful information you may have regarding the cable location would be much appreciated. Thank you for your help and I look forward to our future correspondence concerning the various issues and projects that are occurring at this site.

Thanks,  
Monica

Monica Durkin  
Natural Resource Specialist  
Washington Department of Natural Resources South Puget Sound Region 950 Farman Avenue North Enumclaw, WA 98022

p. (360) 825-1631 ext. 2006  
f. (360) 825-1672



RECEIVED

JAN 12 2006

DNR-SPS

Anthony M. Urie  
Joseph Williams  
ATTORNEYS AT LAW



7545 - 15<sup>th</sup> Avenue NW  
Seattle WA 98117  
206-784-6100  
Fax: 206-784-6478

Admitted in Washington and California

E-mail: [anthonyurie@gmail.com](mailto:anthonyurie@gmail.com)

January 10, 2006

Monica Durkin, Land Manager  
Shoreline District Aquatics Region  
Washington State DNR  
950 Farman Ave. N.  
Enumclaw, WA 98022-9282

RE: Elwood Latta: "Unauthorized Use of State-Owned Aquatic Lands in Lake Washington and Notice to Vacate Premises."

Dear Ms. Durkin,

I am in receipt of your letter dated January 4, 2006 to Elwood Latta. Please be advised that I represent Mr. Latta; any and all further communications regarding this matter should be directed to me at the above telephone number or address.

In your letter you assert that, "it has come to the attention of DNR that you currently own a dry dock, which is illegally moored in the Harbor Area of Lake Washington on State owned aquatic lands." You then command Mr. Latta to move the dry dock or face monthly use and occupancy charges per WAC 332-30-127. This letter is directed to you in response to the previous.

The dry docks in question were sold by Lake Union Drydock to Elwood Latta on 8-19-2002; attached to this letter is a copy of the Bill of Sale. Elwood Latta owned those dry docks until February 22, 2005 when he sold them to Bill Hames; also attached to this letter is a notarized copy of the Bill of Sale between Mr. Latta and Mr. Hames.

Because Mr. Latta sold the dry docks in question nearly a year ago, he no longer has any legal interest in them, and is not in possession of them. He was asked by Mr. Tortorelli to move the dry docks, which he did as a favor for Mr. Tortorelli. However he has no legal interest whatever in the docks, and your letter therefore is mistakenly addressed to Mr. Latta.

I trust this letter and the attached Bills of Sale clarify ownership and responsibility for the dry docks. Should you have further questions please contact me. Thank you in advance for directing any further communications regarding the dry docks to this office.

Very truly yours,

Joseph Williams

DNR-005319



## BILL OF SALE

In consideration for \$1.00 each, total of \$2.00, Lake Union Drydock Company hereby conveys and transfers all rights, title and interest in the following to Elwood Latta who agrees to take title and to remove the dry docks within 100 days of the date hereof:

**Two wooden dry docks, No.6 and No.7, located at Lake Union Drydock Company's facility in Seattle, Washington.**

The title to the said dry docks will transfer when both parties sign this Bill of Sale. Said dry docks are sold "as-is, where-is." Elwood Latta shall remove the said dry docks within 100 days from the date of this Bill of Sale. Removal means permanent removal from Lake Union and is to be accomplished in a prudent manner. Elwood Latta agrees to indemnify Lake Union Drydock Company from any and all liability, loss or damage Lake Union Drydock Company may suffer as a result of claims, demands, costs or judgments against Lake Union Drydock Company arising out of transfer and/or disposal of the said dry docks by Elwood Latta. Elwood Latta agrees to defend against any claims brought or actions filed against Lake Union Drydock Company with respect to the subject of the indemnity contained in this agreement, whether such claims are rightfully or wrongfully brought or filed. Lake Union Drydock Company grants Elwood Latta free moorage for up to 100 days to allow time to make towage arrangements but in no event for a period longer than 100 days from the date of this Bill of Sale. The said dry docks are free and clear of all encumbrances.

Date: 8-19-02, 2002.

Seller: Jim Francis  
Lake Union Drydock Company  
By Jim Francis, Vice President  
1515 Fairview Ave. East  
Seattle, WA 98102

Buyer: Elwood R. Latta  
Elwood Latta  
12231 3<sup>rd</sup> Avenue N.W.  
Seattle, WA 98177



February 20, 2005

BILL OF SALE

In consideration for \$10.00 and other considerations, Elwood Latta hereby conveys and transfers All rights, title and interest in the following to Bill Hames who resides at 15043 8<sup>th</sup> Ave. So. Seattle, WA. 98166.

Two wooden dry docks, No. 6 and No. 7, located in Lake Washington / Kennedale.

The title to the said dry docks will transfer when both parties sign this Bill of Sale. Said dry docks are sold "as-is, where-is". Bill Hames agrees to indemnify Elwood Latta from any and All liability, loss or damage that Elwood Latta may suffer as a result of claims, demands, costs or judgments against Elwood Latta arising out of transfer and / or disposal of the said dry docks by Bill Hames. Bill Hames agrees to defend against any claims brought or actions filed against Elwood Latta with respect to the subject of the indemnity contained in this agreement, whether such claims are rightfully or wrongfully brought or filed.

Date: 2/22 - . 2005

Seller: Elwood Latta  
Elwood Latta  
12231 3<sup>rd</sup> Ave. NW.  
Seattle, WA. 98177

Buyer: Bill Hames  
Bill Hames  
15043 8<sup>th</sup> Ave. So.  
Seattle, WA. 98166

State of Washington  
County of King  
City of Burien



I certify that I know or have satisfactory evidence that Elwood Latta & Bill Hames is the person who appeared before me and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes in this instrument.

Date February 22, 2005

Karl J. Winters - Notary  
Signature  
Aug 02, 2008  
Expiration date

DNR-005321



Lake Washington

# Lake Washington Derelict Piling Removal 8/8/06

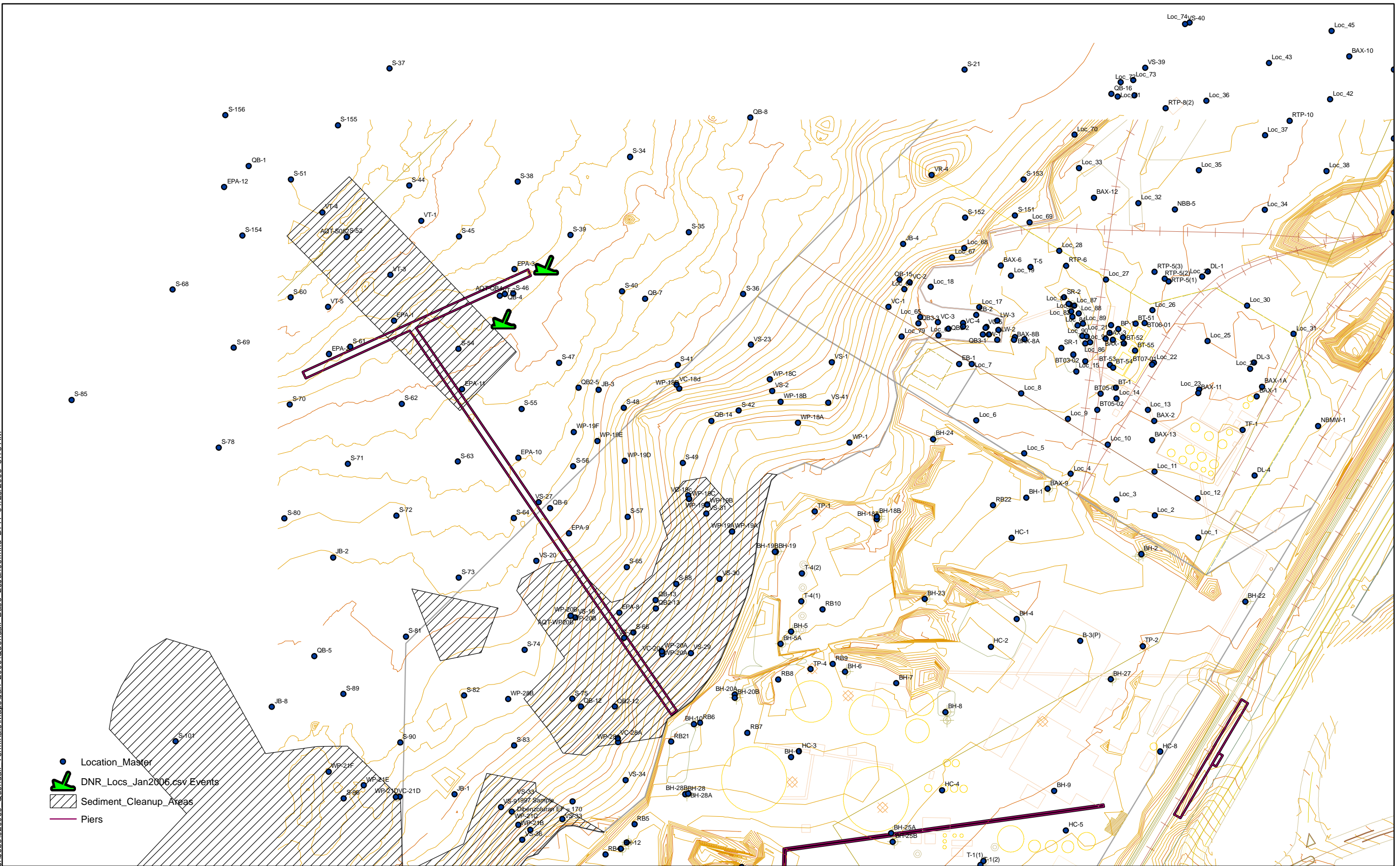
- GPS Piling Points
- Shoreline
- ▭ Harbor Area
- DNR Managed Aquatic Lands
- ▭ King County Tax Parcel
- ▭ 200 Foot Long Dry Docks



0 145 290 580 870 1,160 Feet



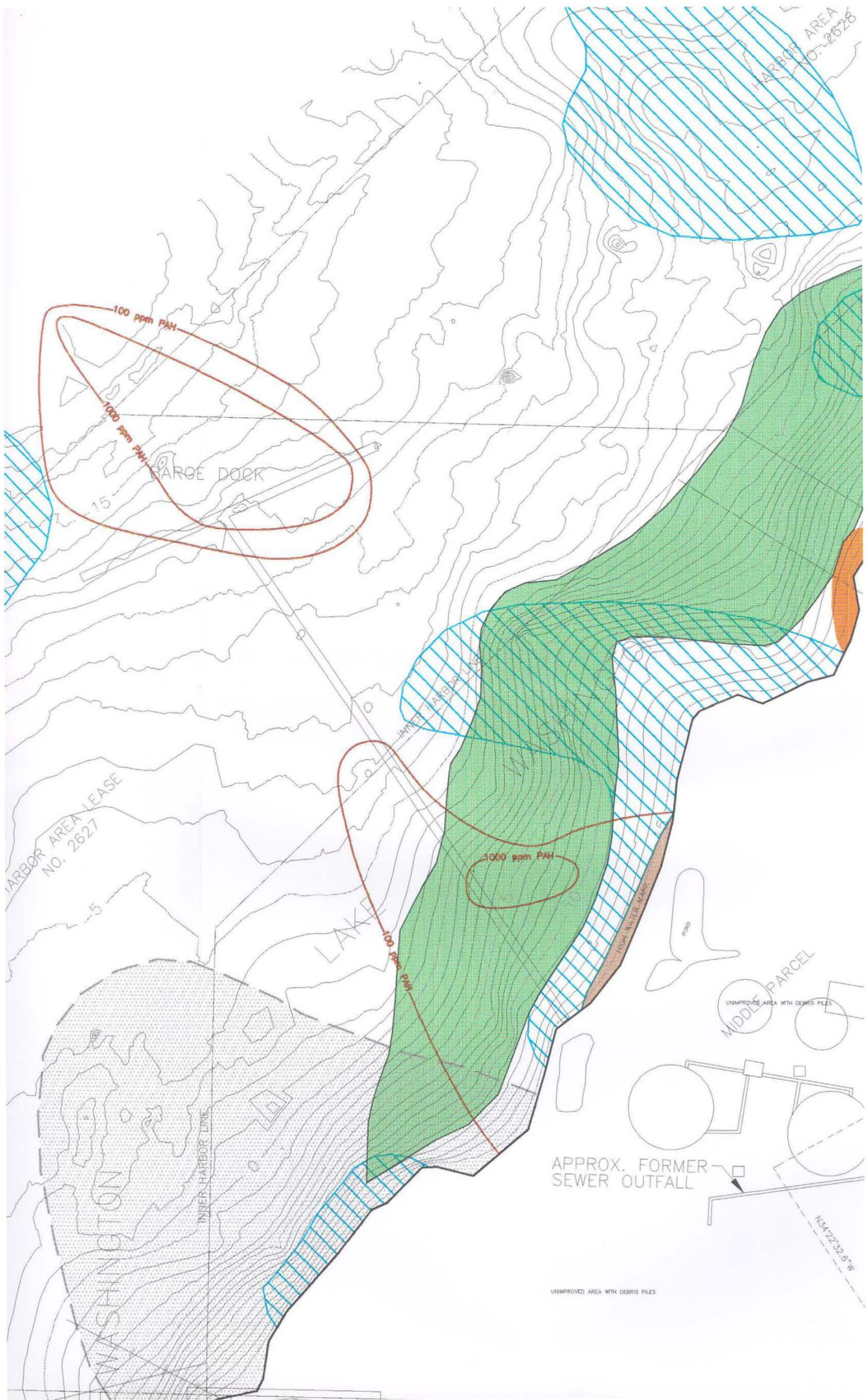
J:\Jobs\020059\_Quendall\_Terminals\Maps\Jan\_2006\Quendall\_Base\_23Jan06.mxd DPH\_01/23/2006 8:18 AM



0 40 80 160 240 320 Feet

**Figure 1**  
Port Quendall Terminals  
DNR GIS Points and Sample Locations











**From:** DURKIN, MONICA

**Sent:** Monday, June 04, 2007 10:40 AM

**To:** MONTGOMERY, MELISSA

**Subject:** ideas for dry docks

Hey Melissa,

Another possible location for the dry docks is the City of Seattle's Stanley Sayres Memorial Park (except for in August).

Also if the Seahawks are not going to be ground breaking in the next year, I wonder if they would open up their property?

Monica Durkin

Natural Resource Specialist

WA State Department of Natural Resources

950 Farman Avenue North

Enumclaw, WA 98022

Phone: (360) 825-1631 ext. 2006

Fax: (360) 825-1672



Agency Reference #: Circulated by:	AGENCY USE ONLY Date Received: (local govt. or agency)
---------------------------------------	--------------------------------------------------------------

**JOINT AQUATIC RESOURCES PERMIT APPLICATION FORM (JARPA)**  
 (for use in Washington State)



**PLEASE TYPE OR PRINT IN BLACK INK.**



**TO FILL IN ELECTRONICALLY, USE F11 TO MOVE THROUGH THE FORM**

- ☐ Application for a Fish Habitat Enhancement Project per requirements of RCW 77.55.290. You must submit a copy of this completed JARPA application form and the (Fish Habitat Enhancement JARPA Addition) to your local Government Planning Department and Washington Department of Fish & Wildlife Area Habitat Biologist on the same day.

**NOTE: LOCAL GOVERNMENTS – You must submit any comments on these projects to WDFW within 15 working days.**

Based on the instructions provided, I am sending copies of this application to the following: <i>(check all that apply)</i>			
<input checked="" type="checkbox"/> Local Government for shoreline: <input type="checkbox"/> Substantial Development <input type="checkbox"/> Conditional Use <input type="checkbox"/> Variance <input checked="" type="checkbox"/> Exemption <input type="checkbox"/> Revision <input type="checkbox"/> Floodplain Management <input type="checkbox"/> Critical Areas Ordinance			
<input checked="" type="checkbox"/> Washington Department of Fish and Wildlife for HPA (Submit 3 copies to WDFW Region) <input type="checkbox"/> Washington Department of Ecology for 401 Water Quality Certification (to Regional Office-Federal Permit Unit) <input type="checkbox"/> Washington Department of Natural Resources for Aquatic Resources Use Authorization Notification <input checked="" type="checkbox"/> Corps of Engineers for: <input type="checkbox"/> Section 404 <input checked="" type="checkbox"/> Section 10 permit <input type="checkbox"/> Coast Guard for: <input type="checkbox"/> General Bridge Act Permit <input type="checkbox"/> Private Aids to Navigation (for non-bridge projects) <input type="checkbox"/> For Department of Transportation projects only: This project will be designed to meet conditions of the most current Ecology/Department of Transportation Water Quality Implementing Agreement			
<b>SECTION A - Use for all permits covered by this application. Be sure to ALSO complete Section C (Signature Block) for all permit applications.</b>			
1. APPLICANT Washington State Department of Natural Resources; Monica Durkin			
MAILING ADDRESS 950 Farman Avenue North Enumclaw, WA 98022			
WORK PHONE 360-825-1631 x2006	E-MAIL ADDRESS monica.durkin@wadnr.gov	HOME PHONE NA	FAX # 360-825-1672
<b>If an agent is acting for the applicant during the permit process, complete #2. Be sure agent signs Section C (Signature Block) for all permit applications</b>			
2. AUTHORIZED AGENT			
MAILING ADDRESS			
WORK PHONE	E-MAIL ADDRESS	HOME PHONE	FAX #
3. Relationship of applicant to property: <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> PURCHASER <input type="checkbox"/> LESSEE <input type="checkbox"/> _____			
4. Name, address and phone number of property owner(s) if other than applicant:			
5. Location (street address, including city, county and zip code, where proposed activity exists or will occur) Activity will occur within the Harbor Area of Lake Washington within Renton, King County. Local government with jurisdiction (city or county)			
Waterbody you are working in <u>Lake Washington</u> Is this waterbody on the 303(d) List** YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If YES, what parameter(s)? <u>Fecal Coliform, Sediment Bioassay</u> **For 303d List, <a href="http://www.ecy.wa.gov/programs/wq/303d/index.html">http://www.ecy.wa.gov/programs/wq/303d/index.html</a>		Tributary of N/A	WRIA # 8
		Shoreline designation	N/A
		Zoning designation	COR 2
¼ Section SW	Section 29	Township 24 N	Range 5 E
		Government Lot N/A	DNR stream type if known N/A
Latitude and Longitude: N 47°32' and W 122°12'		Tax Parcel Number 2924059014 and 2924059013	



<p>6. Describe the current use of the property, and structures existing on the property. Have you completed any portion of the proposed activity on this property? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>For any portion of the proposed activity already completed on this property, indicate month and year of completion.</p> <p>There are approximately 123 derelict pilings, one steel ball, and one steel cylinder located on the property. The site is state-owned aquatic land that is designated as a harbor area. There are no exclusive uses of the property, rather it is open to recreational uses such as boating.</p> <p>Is the property agricultural land? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Are you a USDA program participant? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>7a. Describe the proposed work that needs aquatic permits: Complete plans and specifications should be provided for <u>all</u> work waterward of the ordinary high water mark or line, including types of equipment to be used. If applying for a shoreline permit, describe <u>all</u> work within and beyond 200 feet of the ordinary high water mark. If you have provided attached materials to describe your project, you still must summarize the proposed work here. Attach a separate sheet if additional space is needed.</p> <p>Washington State DNR is proposing to remove approximately 123 derelict pilings, one steel ball, and one steel cylinder which are located on state-owned aquatic lands (SOAL) on the eastern shores of Lake Washington, north of May Creek. This site is located in the W ½ of the SW ¼ Section 29, Township 24, Range 5. The county parcels include 2924059014 and 2924059013.</p> <p>The pilings will be extracted using a vibratory hammer that is mounted on a barge. A collar will be fastened around the pilings and will pull up the piling while vibrating it out of the sediment. Once the pilings are pulled from the sediment the vibratory hammer will be turned off. The pilings will be placed on the barge and disposed of off site. Pilings that break will be pulled out of the sediment with a clam shell bucket.</p> <p>Some areas within the project area are part of a larger Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) cleanup of the upland property and lake sediments. The management of this cleanup is being led by the Environmental Protection Agency. Map #2 indicates the areas within the Harbor Area that will undergo future cleanup of polynuclear aromatic hydrocarbons (PAH) and woodwaste.</p> <p>Pilings that are located in the sediment that contains Polynuclear aromatic hydrocarbons (PAH) will be cut at the mud line. This includes approximately 28 pilings located on the attached Map #1 at GPS points 4 and 31. The bottom sediments will not be swept to search for underwater piles in this known contaminated area.</p> <p>The steel ball and steel cylinder are floating on the lake and anchored to the bedland. These two improvements will be removed by extracting or lifting their anchors from the sediments or cutting the chain and leaving the anchor in place.</p> <p><b>PREPARATION OF DRAWINGS:</b> See sample drawings and guidance for completing the drawings. <b>ONE SET OF ORIGINAL OR GOOD QUALITY REPRODUCIBLE DRAWINGS <u>MUST</u> BE ATTACHED.</b> NOTE: Applicants are encouraged to submit photographs of the project site, but these DO NOT substitute for drawings. <b>THE CORPS OF ENGINEERS AND COAST GUARD REQUIRE DRAWINGS ON 8-1/2 X 11 INCH SHEETS. LARGER DRAWINGS MAY BE REQUIRED BY OTHER AGENCIES.</b></p>
<p>7b. Describe the purpose of the proposed work and why you want or need to perform it at the site. Please explain any specific needs that have influenced the design.</p> <p>The purpose of this work is to remove the 123 derelict pilings, steel ball and steel cylinder from state-owned property on Lake Washington. The removal of these derelict structures will improve the navigability of the lake and enhance the nearshore environment and benefit migrating juvenile salmon.</p>



<p>7c. Describe the potential impacts to characteristic uses of the water body. These uses may include fish and aquatic life, water quality, water supply, recreation and aesthetics. Identify proposed actions to avoid, minimize, and mitigate detrimental impacts and provide proper protection of fish and aquatic life. Identify which guidance documents you have used. Attach a separate sheet if additional space is needed.</p> <p>Some potential impacts of the project could be:</p> <p>Noise impacts to fish species. This is mitigated by completing the project within the in-water work window of July 16, 2006 to December 31, 2006, to prevent any disturbance to fish.</p> <p>There will be a temporary increase in localized emissions from the equipment that will be used to remove the pilings however effects are expected to be minimal.</p> <p>Suspension of sediments in the lake. Suspension of sediments will be prevented by turning off the vibratory hammer once the pilings have been pulled from the sediments. Piles will not be washed off in the water. The contractor will be required to remove pilings slowly to reduce the amount of sediment that is displaced during the extraction process. Approximately 28 pilings that are located in sediments containing PAH will be cut off at the mudline to prevent any resuspension of contaminated sediments.</p> <p>This project is not expected to cause any impacts to the water. However, a barge and the associated equipment for piling removal will be located at the site. Spill Prevention, Control and Countermeasures (SPCC) Plans will be developed with the selected contractor. The SPCC Plan will outline measures to be taken to prevent release or spread of discharged materials including those the contractor may store, use, or generate during construction activities. These items include, but are not limited to gasoline, oils, and chemicals.</p>
<p>7d. For in water construction work, will your project be in compliance with the State of Washington water quality standards for turbidity WAC 173.201A-110? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (See USEFUL DEFINITIONS AND INSTRUCTIONS)</p>
<p>8. Will the project be constructed in stages? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>Proposed starting date: December 2006</p> <p>Estimated duration of activity: Five days</p>
<p>9. Check if any temporary or permanent structures will be placed:</p> <p><input type="checkbox"/> Waterward of the ordinary high water mark or line for fresh or tidal waters AND/OR</p> <p><input type="checkbox"/> Waterward of the mean higher high water for tidal waters?</p>
<p>10. Will fill material (rock, fill, bulkhead, or other material) be placed:</p> <p><input type="checkbox"/> Waterward of the ordinary high water mark or line for fresh waters? Sand will be placed in the holes that remain after the removal of the pilings.</p> <p>If YES, VOLUME (cubic yards) / AREA (acres)</p> <p><input type="checkbox"/> Waterward of the mean higher high water for tidal waters?</p> <p>If YES, VOLUME (cubic yards) / AREA (acres)</p>



11. Will material be placed in wetlands? ☐ YES ☒ NO  
 If YES:  
 A. Impacted area in acres:  
 B. Has a delineation been completed? If YES, please submit with application. ☐ YES ☒ NO  
 C. Has a wetland report been prepared? If YES, please submit with application ☐ YES ☒ NO  
 D. Type and composition of fill material (e.g., sand, etc.)  
 E. Material source:  
 F. List all soil series (type of soil) located at the project site, and indicate if they are on the county's list of hydric soils. Soils information can be obtained from the natural Resources Conservation Service (NRCS).  
 G. WILL PROPOSED ACTIVITY CAUSE FLOODING OR DRAINING OF WETLANDS? ☐ YES ☒ NO  
 If YES, IMPACTED AREA IS \_\_\_\_\_ ACRES OF DRAINED WETLANDS.  
 NOTE: If your project will impact greater than 1/2 of an acre of wetland, submit a mitigation plan to the Corps and Ecology for approval along with the JARPA form.  
 NOTE: A 401 water quality certification will be required from Ecology in addition to an approved mitigation plan if your project impacts wetlands that are: a) greater than 1/2 acre in size, or b) tidal wetlands or wetlands adjacent to tidal water. Please submit the JARPA form and mitigation plan to Ecology for an individual 401 certification if a) or b) applies.

12. Stormwater Compliance for Nationwide Permits Only: This project is (or will be) designed to meet ecology's most current stormwater manual, or an Ecology approved local stormwater manual. ☐ YES ☐ NO  
 If YES – Which manual will your project be designed to meet? \_\_\_\_\_  
 If NO – For clean water act Section 401 and 404 permits only – Please submit to Ecology for approval, along with this JARPA application, documentation that demonstrates the stormwater runoff from your project or activity will comply with the water quality standards, WAC 173.201(A)

13. Will excavation or dredging be required in water or wetlands? ☐ YES ☒ NO  
 If YES:  
 A. Volume: \_\_\_\_\_ (cubic yards) /area \_\_\_\_\_ (acre)  
 B. Composition of material to be removed: \_\_\_\_\_  
 C. Disposal site for excavated material: \_\_\_\_\_  
 D. Method of dredging: \_\_\_\_\_

14. Has the State Environmental Policy Act (SEPA) been completed ☐ YES ☒ NO  
 SEPA Lead Agency: City of Renton, Completed and turned in SEPA application on August 31, 2007.  
 SEPA Decision: DNS, MDNS, EIS, Adoption, Exemption Decision Date (end of comment period)  
 SUBMIT A **COPY OF YOUR SEPA DECISION LETTER** TO WDFW AS REQUIRED FOR A COMPLETE APPLICATION

15. List other Applications, approvals or certifications from other federal, state or local agencies for any structures, construction discharges or other activities described in the application (i.e. preliminary plat approval, health district approval, building permit, SEPA review, federal energy regulatory commission license (FERC), Forest practices application, etc.). Also, indicate whether work has been completed and indicate all existing work on drawings. NOTE: For use with Corps Nationwide Permits, identify whether your project has or will need an NPDES permit for discharging wastewater and/or stormwater.

TYPE OF APPROVAL	ISSUING AGENCY	IDENTIFICATION NO.	DATE OF APPLICATION	DATE APPROVED	COMPLETED?
Shoreline Substantial Development	City of Renton		8/31/06		
Hydraulic Project Approval	WDFW		8/31/06		
Section 10	US Army Corps		8/31/06		

16. Has any agency denied approval for the activity you're applying for or for any activity directly related to the activity described herein?  
☐ YES ☒ NO  
 If YES, explain:



**SECTION B - Use for Shoreline and Corps of Engineers permits only:**

17a. Total cost of project. This means the fair market value of the project, including materials, labor, machine rentals, etc. approximately \$35,000		
17b. If a project or any portion of a project receives funding from a federal agency, that agency is responsible for ESA consultation. Please indicate if you will receive federal funds and what federal agency is providing those funds. See instructions for information on ESA.* FEDERAL FUNDING <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, please list the federal agency.		
18. Local government with jurisdiction: City of Renton		
19. For Corps, Coast Guard and DNR permits, provide names, addresses and telephone numbers of adjoining property owners, lessees, etc. - <b>Please note:</b> Shoreline Management Compliance may require additional notice – consult your local government.		
NAME	ADDRESS	PHONE NUMBER
Robert Cugini	P.O. Box 359, Renton WA 98057	425-226-3900
Port Quendall Company	C/O Vulcan Inc 505 5 <sup>th</sup> Ave S #900 Seattle, WA 98104	206-342-2000
J.H. Baxter & Company	85 N. Baxter Rd Eugene, OR 97401	541-689-1834

**SECTION C - This section MUST be completed for any permit covered by this application**

20. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to enter the above-described location to inspect the proposed, in-progress or completed work. I agree to start work <b><u>ONLY</u></b> after all necessary permits have been received..	
SIGNATURE OF APPLICANT	DATE
SIGNATURE OF AUTHORIZED AGENT	DATE
I HEREBY DESIGNATE _____ TO ACT AS MY AGENT IN MATTERS RELATED TO THIS APPLICATION FOR PERMIT(S). I UNDERSTAND THAT IF A FEDERAL PERMIT IS ISSUED, I MUST SIGN THE PERMIT.	
SIGNATURE OF APPLICANT	DATE
SIGNATURE OF LANDOWNER (EXCEPT PUBLIC ENTITY LANDOWNERS, E.G. DNR)	
<b>THIS APPLICATION <u>MUST</u> BE SIGNED BY THE APPLICANT AND THE AGENT, IF AN AUTHORIZED AGENT IS DESIGNATED.</b>	

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

<p align="center"><b>COMPLETED BY <u>LOCAL OFFICIAL</u></b></p> <p>A. Nature of the existing shoreline. (Describe type of shoreline, such as marine, stream, lake, lagoon, marsh, bog, swamp, flood plain, floodway, delta; type of beach, such as accretion, erosion, high bank, low bank, or dike; material such as sand, gravel, mud, clay, rock, riprap; and extent and type of bulkheading, if any)</p> <p>B. In the event that any of the proposed buildings or structures will exceed a height of thirty-five feet above the average grade level, indicate the approximate location of and number of residential units, existing and potential, that will have an obstructed view:</p> <p>C. If the application involves a conditional use or variance, set forth in full that portion of the master program which provides that the proposed use may be a conditional use, or, in the case of a variance, from which the variance is being sought:</p>
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These Agencies are Equal Opportunity and Affirmative Action employers.

For special accommodation needs, please contact the appropriate agency in the instructions

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# WASHINGTON

## JOINT AQUATIC RESOURCE PERMITS APPLICATION (JARPA)

### INSTRUCTIONS, SAMPLE DRAWINGS & AGENCY CONTACTS



**NOTE: DO NOT SUBMIT this section with your application.**

This Joint Application may be used to apply for Hydraulic Project Approvals, Shoreline Management Permits, Approvals for Exceedance of Water Quality Standards, Water Quality Certifications, Coast Guard Bridge Permits, Department of Natural Resources Use Authorization, and Army Corps of Engineers Permits. **You must submit readable copies of the completed application form together with detailed drawings, prepared in accordance with the drawing guidance to the appropriate agencies. When applying, you do NOT need to send copies of the instructions.** Remember, depending on the type of project you are proposing, other permits may be required that are not covered by this application.

☞ Use the following list to determine which permits to apply for. Your project may require some or all of these permits. If you have trouble deciding which permits you need, please contact the appropriate agency for questions. Agency telephone numbers are attached. **IF ANY OF THE BOXED ITEMS LISTED UNDER A PERMIT TITLE BELOW APPLY TO YOUR PROJECT, THEN YOU MUST CHECK THE BOX FOR THAT PERMIT ON THE TOP OF PAGE ONE OF THE JARPA FORM AND SEND A COMPLETED COPY OF THE APPLICATION FORM TO THE AGENCY RESPONSIBLE FOR ISSUING THAT PERMIT.** Complete Sections A & C for any of the permits listed below. Also complete Section B for Shoreline and Army Corps of Engineers permits. Detailed drawings are required for any of these permits (see attached drawing guidelines for drawing requirements).

- ☐ **Hydraulic Project Approval** from the Department of Fish and Wildlife under 77.55 RCW is required if your project includes construction or other work, that:
  - will use, divert, obstruct, or change the natural flow or bed of any fresh or salt water of the state. This includes bed reconfiguration, all construction or other work waterward under and over the ordinary high water line, including dry channels, and may include projects landward of the ordinary high water line (e.g., activities outside the ordinary high water line that will directly impact fish life and habitat, falling trees into streams or lakes, dike construction etc.).
- ☐ **Shoreline Substantial Development, Conditional Use, Variance Permit, or Exemption** from Local Government (under the Shoreline Management Act, 90.58 RCW;) required for work or activity in the 100-year floodplain, or within 200 feet of the ordinary high water mark of Shorelines of the State (check with your local government); and which includes any one of the following:
  - dumping;
  - drilling;
  - dredging;
  - filling;
  - placement or alteration of structures (whether temporary or permanent); or
  - any activity which substantially interferes with normal public use of the waters regardless of cost.
- ☐ **Floodplain Management Permits and/or Critical Areas Ordinances** review by Local Government for:
  - ☞ work in frequently flooded areas, geologically unstable areas, wildlife habitats, aquifer recharge areas, and wetlands.
- ☐ **Section 401 Water Quality Certification** from the Department of Ecology Regional office under 33 USC § 1341 of the Clean Water Act is needed when a federal approval is required for a project, including the following:
  - Corps of Engineers 404 Permit --Send to Ecology's Federal Permits Unit in the Regional Office;
  - FERC hydropower license--Attach FERC exhibit E or an Applicant Prepared Environmental Assessment and send to the State of Washington's Office of Permit Assistance
- ☐ **Aquatic Resources Use Authorization Notification** from the Department of Natural Resources is required if your project:
  - is on, crosses, or impacts the bedlands, tidelands or shorelands of a navigable water.
- ☐ **Section 404 Permit** from the Corps of Engineer under 33 USC § 1344 of the Clean Water Act is required if your project includes:
  - placement of dredged or fill material waterward of the ordinary high water mark, or the mean higher high tide line in tidal areas, in waters of the United States, **including wetlands\***;
  - mechanized land clearing and sidelaying in waters of the United States, **including wetlands\***.
  - Endangered Species Act (ESA) Consultation\*\*

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- ☐ **Section 10 Permit** from the Corps of Engineer is required for:
  - any work in or affecting navigable waters of the United States (e.g., floats, piers, docks, dredging, excavation, piling, buoys, overhead power lines, etc.).
- ☐ **General Bridge Act Permit** from the Coast Guard is required for:
  - construction of a new bridge or modification to an existing bridge over a navigable waterway.
- ☐ **Private Aids to Navigation** from the Coast Guard is required for:
  - installing a fixed structure or floating object within the waters of the United States.

\*Wetlands that are determined to be isolated by the Army Corp of Engineers are no longer regulated under Section 404 of the Clean Water Act. These wetlands are regulated by the Department of Ecology under the state Clean Water Act RCW 90.48. For further information please contact the Office of Regulatory Assistance at 1-800-917-0043 or at [assistance@ora.wa.gov](mailto:assistance@ora.wa.gov).

\*\* Endangered Species Act (ESA) Consultation with the National Marine Fisheries Service and/or U.S. Fish and Wildlife Service: If your project is authorized, funded or carried out by a Federal agency and the Federal agency determines that the proposed project may affect ESA listed species or critical habitat, consultation under Section 7 of the ESA is required. ESA Consultation is the responsibility of the Federal agency, not the applicant. JARPA forms should be submitted directly to the responsible Federal agency, not to the National Marine Fisheries Service or the U.S. Fish and Wildlife Service. The responsible Federal agency may require additional information from the applicant to assess potential project impacts to listed species and their habitat.

Information on ESA - <http://endangered.fws.gov/hcp/index.html> or <http://endangered.fws.gov/whatwedo.html> or <http://offices.fws.gov/directory/ListOffices.cfm>

#### **USEFUL DEFINITIONS & INSTRUCTIONS**

The following definitions are presented to help applicants in completing the JARPA. They may not necessarily represent specific language from the laws implemented through JARPA.

Ordinary High Water Mark or Line means the visible line on the banks where the presence and action of waters are so common as to leave a mark upon the soil or vegetation. In any area where the ordinary high water line cannot be found, the ordinary high water line adjoining saltwater shall be the line of mean higher high water, and the ordinary high water line adjoining freshwater shall be the elevation of the mean annual flood.

Mean Lower Low Water is the 0.0 tidal elevation, determined by averaging each day's lowest tide at a particular location over a period of 19 years. It is the tidal datum for vertical tidal references in the salt water area.

Mean High Water and Mean Higher High Water Tidal Elevations at any specific location can be found in tidal benchmark data compiled by the United States Department of Commerce, Environmental Science Services Administration, Coast and Geodetic Survey, dated January 24, 1979. This information can be obtained from the Corps of Engineers at (206) 764-3495. The determination of tidal elevation is obtained by averaging each day's highest tide at a particular location over a period of 19 years, measured from mean lower low water, which equals 0.0 tidal elevation.

Shorelands or shoreland areas means those lands extending landward for 200 feet in all directions as measured on a horizontal plane from the ordinary high water mark; floodways and contiguous floodplain areas landward 200 feet from such floodways; and all wetlands and river deltas associated with the streams, lakes, and tidal waters which are subject to the provisions of 90.58 RCW.

Shorelines means all water areas of the state, including reservoirs, and their associated wetlands, together with the lands underlying them, except stream segments upstream of the point where mean annual flow is less than 20 cubic feet per second, and lakes less than 20 acres in size.

Wetlands mean areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

Bridge means any structure including pipelines and conveyor belts, which transports traffic or materials across a navigable water.

Aquatic Tidelands means the area between the ordinary high tide line and extreme low tide line, unless otherwise established.

Aquatic Shorelands means the shore areas of non-tidal navigable lakes or rivers between the ordinary high water line and the line of navigability unless otherwise established.

Aquatic Bedlands means the area waterward of and below the line of navigability on non-tidal rivers and lakes, or below the extreme low tide mark in navigable tidal waters, or below the outer harbor line where a harbor has been created.

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Nationwide Permit issued by the Corps of Engineers for projects with minimal impacts. For a complete packet of nationwide permits and application information, contact the Corps Regulatory branch at (206) 764-3495 or visit their website <http://www.nws.usace.army.mil>.

Section 303(d) listed waters These are water quality limited estuaries, lakes, and streams that fall short of state [surface water quality standards](#), and are not expected to improve within the next two years.

Mixing zone means that portion of a water body adjacent to an effluent outfall where mixing results in the dilution of the effluent with the receiving water. Water quality criteria may be exceeded in a mixing zone as conditioned and provided for in WAC [173-201A-400](#).

Turbidity means the clarity of water expressed as nephelometric turbidity units (NTU) and measured with a calibrated turbidimeter.

Background conditions means the biological, chemical, and physical conditions of a water body, outside the area of influence of the discharge under consideration.

#### **Instructions for question 7d.**

##### **Water Quality Standards – Compliance for turbidity mixing zone requirements.**

The water downstream of the allotted mixing zone (100 ft, 200 ft, 300 ft, dependent on how fast the water is flowing and measured in cubic feet per second) must have the same visual clarity as the water upstream of the project impact site (the water cannot be greater than 5 NTUs above the background water). The following section from WAC 173-201A-110 authorizes the turbidity mixing zone.

All work in or near the water, and water discharged from the site shall meet the State's Water Quality Standards, WAC 173-201A. A mixing zone for turbidity is authorized within WAC 173.201A-030 during and immediately after necessary in-water or shoreline construction activities that result in the disturbance of in-place sediments. Use of a turbidity mixing zone is intended for brief periods of time (such as a few hours or days) and is not an authorization to exceed the turbidity standard for the entire duration of the construction. Use of the mixing zone is subject to the constraints of WAC 173-201A-100(4) and (6), requiring an applicant have supporting information that indicates the use of the mixing zone shall not result in the loss of sensitive or important habitat, substantially interfere with the existing or characteristic uses of the water body, result in damage to the ecosystem, or adversely affect public health. The mixing zone is authorized only after the activity has received all other necessary local and state permits and approvals, and after the implementation of appropriate best management practices to avoid or minimize disturbance of in-place sediments and exceedances of the turbidity criteria. Within the mixing zone, the turbidity standard is waived, and all other applicable water quality standards shall remain in effect. The mixing zone is defined as follows:

- 1) For waters up to 10 cfs flow at time of construction, the point of compliance shall be 100-feet downstream of project activities.
- 2) For waters above 10 cfs up to 100 cfs flow at time of construction, the point of compliance shall be 200-feet downstream of project activities.
- 3) For waters above 100 cfs flow at the time of construction, the point of compliance shall be 300 feet downstream of project activities.
- 4) For projects working within or along lakes, ponds, wetlands, estuaries, marine waters or other non-flowing waters, the point of compliance shall be at a radius of 150-feet from the activity causing the turbidity exceedance.



## GUIDANCE FOR COMPLETION OF DRAWINGS

**General Information.** Three types of illustrations are needed to properly depict the proposed activity: Vicinity Map, Plan View, and Cross-Sectional View. Drawings to scale should be prepared using clear printing, black ink, and the fewest number of sheets possible. Include the scale. The importance of clear accurate drawings cannot be overstated. At a minimum, drawings must contain the following information; other information may be required depending on project type. If you have questions regarding completing the drawings, call the appropriate agency.

**\*NOTE:** Army Corps of Engineers [drawing requirements](#) are found at:

[http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?siteName=REG&pageName=mainpage\\_Permits\\_Applicant\\_Info](http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?siteName=REG&pageName=mainpage_Permits_Applicant_Info).

1. **Vicinity Map.** A copy of a county or city road map, or a U.S. Geological Survey topographic map may be used. Include:
  - a. North arrow.
  - b. Name of waterbody (and river mile if appropriate).
  - c. Location of the proposed activity (indicate with a circle, arrow, X, or similar symbol).
  - d. Provide latitude and longitude of the site to the nearest second.
  - e. Provide directions to the site.
2. **Plan View.** This drawing illustrates the proposed project area as if you were looking down at the site from overhead.
  - a. North arrow.
  - b. Name of waterbody and direction of water flow.
  - c. Location of existing shoreline.  
**Tidal Waters:** Show the Ordinary High, Mean High, Mean Low, Mean Higher High, and Mean Lower Low Water Marks or Lines, and/or wetland boundaries. Indicate elevation above datum.  
**Non-tidal waters:** Show the Ordinary High Water Mark or Line, Meander Line, and/or wetland boundary.
  - d. Dimensions of the activity or structure and impervious surfaces, distance from property lines, and the distance it extends into the waterbody beyond the Ordinary High, Mean High, Mean Higher High, and Mean Low Water Mark or Line, and/or wetland boundaries, as appropriate.
  - e. For Corps permits, indicate the distance to Federal projects and/or navigation channels (if applicable). To ascertain, call the Corps Regulatory Branch Office at (206) 764-3495.
  - f. Show existing structures on subject and adjoining properties.
  - g. Indicate adjoining property ownership.
  - h. If fill material is to be placed, identify the type of material, amount of material (cubic yards), and area to be filled (acres).
  - i. If project involves dredging, identify the type of material, amount of material (cubic yards), area to be dredged, method of dredging, and location of disposal site. Dredging in areas shallower than -10 feet needs to be clearly identified on drawings.
  - j. Identify any part of the activity that has been completed.
  - k. Indicate types and location of aquatic, wetland, riparian and upland vegetation.
  - l. Erosion control measures, stabilization of disturbed areas, etc.
  - m. Utilities, including water, sanitary sewer, power and stormwater conveyance systems (e.g., bioswales).
  - n. Indicate stormwater discharge points.
  - o. Proposed landscaping where applicable (for complex landscape plans, please attach a separate drawing).
  - p. Where applicable, plans for development of areas on or off site as mitigation for impacts associated with the proposal.
  - q. On all variance applications the plans shall clearly indicate where development could occur without approval of a variance, the physical features and circumstances on the property that provide a basis for the request, and the location of adjacent structures and uses.
3. **Cross-Sectional View.** This drawing illustrates the proposed activity as if it were cut from the side and/or front. Include:
  - a. Location of water lines.  
**Tidal Waters:** Show the Ordinary High, Mean High, Mean Higher High, and Mean Lower Low Water Marks or Lines, and/or wetland boundary.  
**Non-tidal waters:** Show the Ordinary High Water Mark or Line, and/or wetland boundary.
  - b. Water depth or tidal elevation at waterward face of project.
  - c. Dimensions of the activity or structure, and the distance it extends into the waterbody beyond the Ordinary High, the Mean High, the Mean Higher High and Mean Low Water Mark or Line, and/or wetland boundaries.
  - d. Indicate dredge and/or fill grades as appropriate.
  - e. Indicate existing and proposed contours and elevations.
  - f. Indicate types and location of aquatic, wetland, and riparian vegetation present on site.
  - g. Indicate type and location of material used in construction and method of construction.
  - h. Indicate height of structure.
4. **Clearance and Elevations.** Applies to Coast Guard Bridge Permits only.
  - a. Vertical clearance measured from Mean Higher (tidal waters) or Ordinary High (non-tidal water).
  - b. Horizontal clearance between piers or pilings.
  - c. Bottom elevation of the waterway at the bridge.



## AGENCY CONTACTS

Below is a list of agencies to which a copy of the Joint Application may be sent, and which permit each agency issues. Technical assistance and information is also available from these offices.

### State of Washington Office of Regulatory Assistance (Technical assistance only. Do not mail application here)

State of Washington Office of Regulatory Assistance  
Mailing Address  
PO Box 47600  
Olympia, WA 98504-7600  
Physical Address  
300 Desmond Drive  
Lacey, WA 98504

Telephone 1-800-917-0043 or (360) 407-7037  
Fax (360) 407-6904

### Department of the Army Permit(s)(Section 404 or Section 10)

U.S. Army Corps of Engineers,  
Seattle District  
Regulatory Branch  
Post Office Box 3755  
Seattle, WA 98124-3755

Telephone (206) 764-3495  
FAX (206) 764-6602

U.S. Army Corps of Engineers  
Eastern Washington Information  
P.O. Box 273  
Chattaroy, WA 99003-0273

Telephone (509) 238-4570  
FAX (509) 238-4570

U.S. Army Corps of Engineers  
Central Washington Information  
P.O. Box 2829  
Chelan, WA 98816-2829

Telephone (509) 682-7010  
FAX (509) 682-7710

### Department of Ecology Permits – 401 Water Quality Certification

#### **Washington State Department of Ecology – Headquarters**

Mailing Address  
Post Office Box 47600  
Olympia, WA 98504-7600  
Attn: Federal Project Manager  
Physical Address  
300 Desmond Drive  
Lacey, WA 98504

Telephone (360) 407-6000

#### **Central Region**

15 West Yakima Avenue, Ste 200  
Yakima, WA 98902-3401  
Attn: Federal Project Manager

Telephone (509) 575-2490  
FAX (509) 575-2809

#### **Eastern Region**

4601 North Monroe, Suite 202  
Spokane, WA 99205-1295  
Attn: Federal Project Manager

Telephone (509) 329-3400  
FAX (509) 329-3529

#### **Northwest Region**

3190 - 160th Avenue S.E.  
Bellevue, WA 98008-5452  
Attn: Federal Project Manager

Telephone (425) 649-7000  
FAX (425) 649-7098

#### **Southwest Region**

Mailing Address:  
P.O. Box 47775  
Olympia, WA 98504-7775  
Attn: Federal Project Manager  
Physical Address:  
300 Desmond Drive  
Lacey, WA 98504

Telephone (360) 407-6300  
FAX (360) 407-6305



ECY 070-15 (Rev. 11/04) JARPA Contact the State of Washington [Office of Regulatory Assistance](#) for latest version or call 360/407-7037 or 800/917-0043  
**Department of Fish and Wildlife** (Hydraulic Project Approval) - Submit 3 copies of the JARPA application to Regional offices.

Contact regional offices for questions or assistance.

**Headquarters**

Washington State Department of Fish and Wildlife	Telephone (360) 902-2534
600 Capitol Way North	TDD (360) 902-2207
Olympia, Washington 98501-1091	FAX (360) 902-2946

**Region 1** (Pend Oreille, Ferry, Stevens, Spokane, Lincoln, Whitman, Columbia, Garfield, Asotin, and Walla Walla Counties)

Washington State Department of Fish and Wildlife	Telephone (509) 892-1001
2315 North Discovery Place	FAX (509) 921-2440
Spokane, WA 99216	

**Region 2** (Okanogan, Douglas, Grant, Adams, and Chelan Counties)

Washington State Department of Fish and Wildlife	Telephone (509) 754-4624
1550 Alder Street NW	FAX (509) 754-5257
Ephrata, WA 98823-9699	

**Region 3** (Franklin, Kittitas, Yakima, and Benton Counties)

Washington State Department of Fish and Wildlife	Telephone (509) 575-2740
1701 South 24th Avenue	FAX (509) 575-2474
Yakima, WA 98902-5720	

**Region 4** (Whatcom, Skagit, Snohomish, King, Island, and San Juan Counties)

Washington State Department of Fish and Wildlife	Telephone (425) 775-1311
16018 Mill Creek Boulevard	FAX (425) 338-1066
Mill Creek, WA 98012-1296	

**Region 5** (Lewis, Wahkiakum, Cowlitz, Skamania, Clark, and Klickitat Counties)

Washington State Department of Fish and Wildlife	Telephone (360) 696-6211
2108 Grand Blvd.	FAX (360) 906-6776
Vancouver, WA 98661-4624	

**Region 6** (Pacific, Pierce, Thurston, Grays Harbor, Mason, Jefferson, Clallam, and Kitsap Counties)

Washington State Department of Fish and Wildlife	Telephone (360) 249-4628
48 Devonshire Road	FAX (360) 664-0689
Montesano, WA 98563-9618	

**Local Government** (Shoreline Management Act Approval)

Appropriate City or County Planning, Building, or Community Development Department  
Refer to: <http://www.ora.wa.gov/counties/index.htm> for city and county contact information.

**Natural Resources Conservation Service (NRCS)**, formerly Soil Conservation Service (SCS) for information regarding activities on agricultural land

NRCS	Telephone (509) 323-2900
West 316 Boone Avenue, Suite 450	FAX (509) 323-2909
Spokane, WA 99201-2348	

**Coast Guard**

**Section 9 Bridge Permit**

Commander 13 <sup>th</sup> Coast Guard District (OAN)	Telephone (206) 220-7282
915 Second Avenue, Room 3510	FAX (206) 220-7265
Seattle, WA 98174-1067	
Attn: Bridge Administrator	

**Private Aids to Navigation**

Commander 13 <sup>th</sup> Coast Guard District (OAN)	Telephone (206) 220-7285
915 Second Avenue, Room 3510	FAX (206) 220-7265
Seattle, WA 98174-1067	
Attn: PATON Manager	

**Department of Natural Resources**, Aquatic Resources Authorization to use bedlands, tidelands, or shorelands of navigable waters.

Headquarters	Telephone (360) 902-1000
Northwest Region	Telephone (360) 856-3500
Pacific Cascade Region	Telephone (360) 577-2025
South Puget Sound Region	Telephone (360) 825-1631
Northeast Region	Telephone (509) 684-7474



Southeast Region  
Olympic Region

Telephone (509) 925-8510  
Telephone (360) 374-6131

ECY 070-15 (Rev. 11/04) JARPA Contact the State of Washington [Office of Regulatory Assistance](#) for latest version or call 360/407-7037 or 800/917-0043



**From:** DURKIN, MONICA  
**Sent:** Wednesday, May 09, 2007 1:32 PM  
**To:** MONTGOMERY, MELISSA  
**Subject:** Lake Washington info  
Work window July 16, 2006 to December 31, 2006!

Monica Durkin  
Natural Resource Specialist  
WA State Department of Natural Resources  
950 Farman Avenue North  
Enumclaw, WA 98022

Phone: (360) 825-1631 ext. 2006  
Fax: (360) 825-1672



**From:** DURKIN, MONICA  
**Sent:** Thursday, May 10, 2007 4:01 PM  
**To:** MONTGOMERY, MELISSA  
**Subject:** RE: Lake Washington info

There are a number of pilings left on the private shorelands, I have not counted these. There are 23 pilings located near the shoreline on state property and approximately 25 pilings located in the two dolphins in between the dry docks. On the map the pilings that remain are #s 18-25.

Monica Durkin  
Natural Resource Specialist  
WA State Department of Natural Resources  
950 Farman Avenue North  
Enumclaw, WA 98022

Phone: (360) 825-1631 ext. 2006  
Fax: (360) 825-1672

---

**From:** MONTGOMERY, MELISSA  
**Sent:** Wednesday, May 09, 2007 3:54 PM  
**To:** DURKIN, MONICA  
**Subject:** RE: Lake Washington info

Do you know how many pilings are left on the site?

Melissa Montgomery  
Derelict Vessel Removal Program  
Washington Dept. of Natural Resources  
PO Box 47027  
Olympia, WA 98504  
360-902-1574  
360-902-1786 fax

---

**From:** DURKIN, MONICA  
**Sent:** Wednesday, May 09, 2007 1:32 PM  
**To:** MONTGOMERY, MELISSA  
**Subject:** Lake Washington info

Work window July 16, 2006 to December 31, 2006!

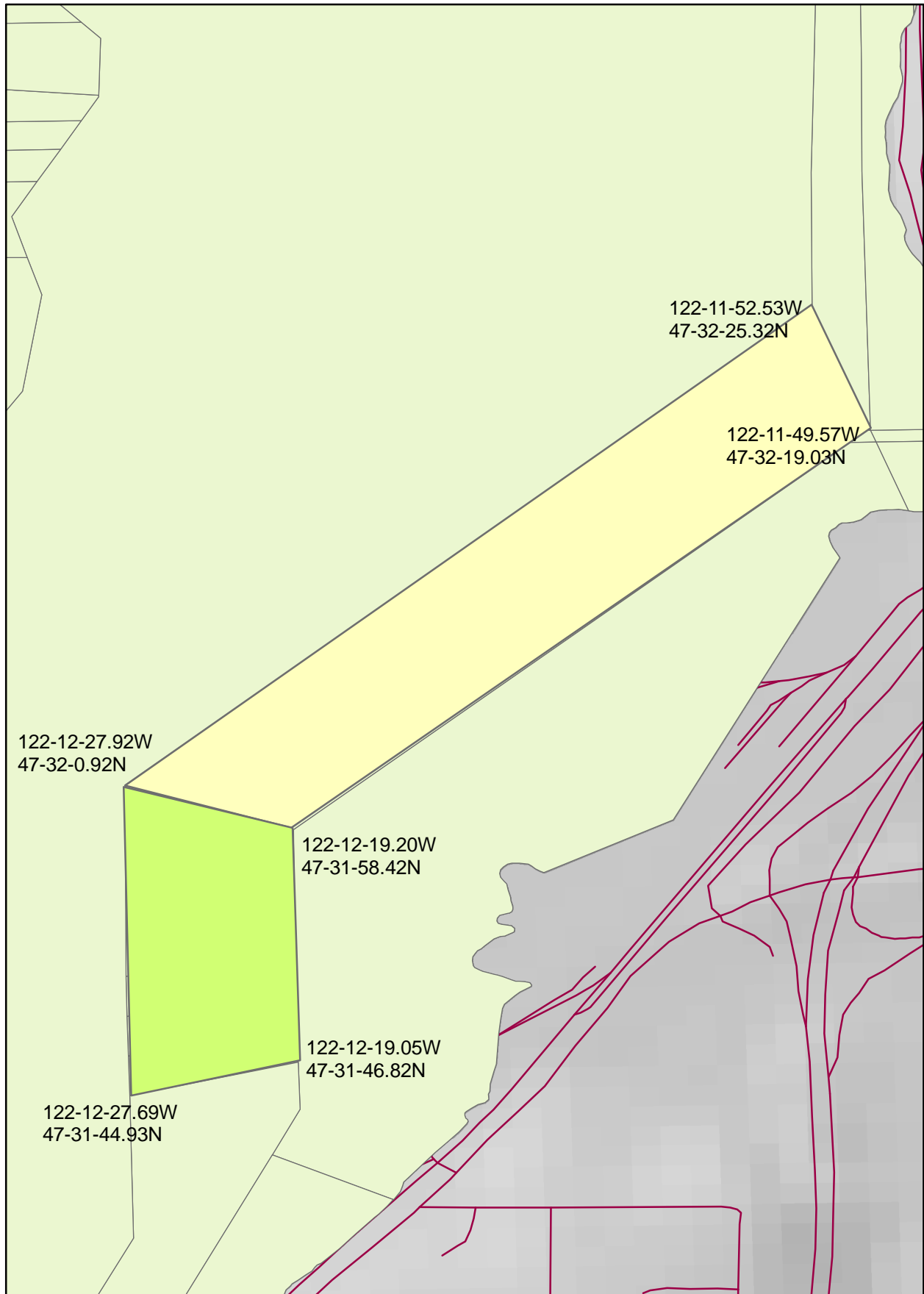
Monica Durkin  
Natural Resource Specialist  
WA State Department of Natural Resources  
950 Farman Avenue North  
Enumclaw, WA 98022

Phone: (360) 825-1631 ext. 2006  
Fax: (360) 825-1672











# FLOATING DRYDOCK CHARACTERISTICS SUMMARY

FLOATING DRYDOCK IDENTIFIER	MAXIMUM LENGTH OF PONTOON	MAXIMUM DEPTH OVER BLOCKS	CLEAR WIDTH BETWEEN WINGWALLS	LIFT CAPACITY (TONS)	NORMAL KEEL BLOCK HEIGHT	AVAILABLE ELECTRICAL SERVICE (SHORE POWER TO VESSEL)			REMARKS  (Indicate existence of hauling blocks, if end selection can be lowered, and max. length of ship DD can accommodate).
						VOLTS	AMPS	HERTZ	
3	85	10'	NA	100	36"	120/240 208/450	30/50 100/200	60	85
6	200	14'	47'6"	1200	42"	"	"	60	240
7	200	14'	47'6"	1200	42"	"	"	60	240
8	450	22'	56'	4500	60"	"	"	60	400'

1995 SURVEY

DNR-005344



## Particulars of Drydocks

No.	Length O.A.	Length Pontoon	Width Pontoon	Depth Pontoon	Capacity Long Tons	Normal Hgt. Keel Blocks	Normal Max. Draft
1	69-0	69-0	32-3	57"	130	Variable	Variable
2	70-3	70-3	31-8	48"	90	Variable	Variable
3	85-6	85-6	31-8	63"	170	Variable	Variable
4	137-6	101-0	50-3	77"	250 keel type 400 barge type	40"	12'-0"
5	340-9	285-4	76-10	10'-9½"	3400	40"	21'-0"
6	240-0	200-3	64-6	10'-0"	1200	40"	13'-6"
7	240-0	200-3	64-6	10'-0"	1200	40"	13'-6"

































WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**

DOUG SUTHERLAND  
Commissioner of Public Lands

January 22, 2007

**EMAILED AND MAILED**  
**CERTIFIED MAIL NO. 7002 0004 8590 8817**

Lakeshore Marine Construction Inc  
P.O. Box 255  
Mukilteo, WA 98275

Re: AWARD LETTER  
Project No. DNR 06-E34  
MAURY ISLAND PILE REMOVAL

Dear Contractor:

This is your letter of award. You will receive a notice to proceed letter once we have received the following and the contract is approved and signed by the Department of Natural Resources. We are forwarding the following items:

1. Original contract (with Instructions) in the amount of \$146,352.78.
2. Certificate of Insurance (Form SF 500A).
3. Payment and Performance Bond.
4. Payment and Performance Bond/Waiver Information.
5. Authorized Signatures.
6. Public Works Checklist.
7. Statement of Intent to Pay Prevailing Wages  
(mailed directly to the Dept. of Labor & Industries).
8. Form W-9, Request for Taxpayer Identification Number and Certification (with cover letter).
9. Statewide Vendor Registration & Direct Deposit Authorization (please note that they require a Form W-9 be sent along with this form – note address at the bottom of the form).
10. **A letter regarding insurance was emailed to you (please email or fax a copy to your insurance carrier).**

Please comply with the enclosed Instructions for the Execution of Contracts, Bonds and Certificate of Insurance. Also, please complete the Retainage Investment Option portion of "Payment and Performance Bond/Waiver Information," form No. 4 above.

Return documents 1 through 5 above **WITHIN TWENTY (20) DAYS OF RECEIPT** to me by mail at: Sandra Swenson, Department of Natural Resources, Engineering Division, P. O. Box 47030, Olympia, WA 98504-7030, using the enclosed self-addressed envelope. Copies of the contract will be distributed after it is approved.

Sincerely,

  
ERIN MULDOON  
Contracts Engineer  
(360) 902-1203

Enclosures

cc: Monica Durkin, Project Manager, Aquatics Region

ENGINEERING & GENERAL SERVICES DIVISION 1111 WASHINGTON ST SE PO BOX 47030 OLYMPIA, WA 98504-7030

TEL: (360) 902-1200 FAX: (360) 902-1778 TTY: (360) 902-1125

Equal Opportunity Employer

RECYCLED PAPER 

DNR-005353





WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**

DOUG SUTHERLAND  
Commissioner of Public Lands

January 22, 2007

**EMAILED AND MAILED**

Lakeshore Marine Construction, Inc.  
P.O. Box 255  
Mukilteo, WA 98275

Dear Contractor:

Re: Project No. DNR 06-E34  
Project Name MAURY ISLAND PILE REMOVAL  
Certificate of Insurance Requirements

**Contractor: Please fax a this letter and the Certificate of Insurance to your insurance carrier.**


The contractor faxed you this letter and **the required form of Certificate of Insurance. Form No. Acord 25 (2001/08) will no longer be acceptable.** To assure the correct data on the Certificate of Insurance for this project, to minimize the time between the award of the contract and the notice to proceed given by the owner, please include the following requirements:

1. DNR named as additional Insured.
2. 45-Day Cancellation Period (required by Washington State Law). Note: Failing to note the 45 days is not in compliance with the contract and may be grounds for termination of the contract.
3. Employer's Liability (stop gap) (see supplemental conditions for coverage limits) (\$1M each occurrence).
4. Project name and number (see above).
5. Liability coverage on an **OCCURRENCE** basis, unless otherwise specified in contract.
6. Dollar amount per specs:

General Aggregate Limit:	\$2,000,000.00
(other than products-completed operations)	
Products-Completed Operations Limit:	\$1,000,000.00
Personal and Advertising Injury Limit:	\$1,000,000.00
Fire Damage Limit (any 1 fire)	\$ 50,000.00
Medical Expenses Limit (any 1 person)	\$ 5,000.00
Business Auto Policy (bodily and property damage)	\$1,000,000.00
Excess Umbrella Insurance – If the contract is between \$250,000 and \$5 million, then you need an additional excess aggregate of \$1 million and an excess limit per occurrence of \$1 million.	
7. **On the Payment and Performance Bond, please make sure the date on the front page of the form is the same date the contractor signed the contract.**

**Please see general and supplemental conditions within contract packet for further information on Insurance Requirements.**

If you have any questions, please feel free to call me.

  
Sincerely,  
ERIN MULDOON, Contracts Engineer  
(360) 902-1203  
Enclosures

cc: Monica Durkin, Project Manger, DNR Aquatics Region

ENGINEERING & GENERAL SERVICES DIVISION 1111 WASHINGTON ST SE PO BOX 47030 OLYMPIA, WA 98504-7030

TEL: (360) 902-1200 FAX: (360) 902-1778 TTY: (360) 902-1125

Equal Opportunity Employer

RECYCLED PAPER 

DNR-005354



**STATE OF WASHINGTON PUBLIC WORKS CONTRACT**  
**DEPARTMENT OF NATURAL RESOURCES**  
**ENGINEERING DIVISION**

**CONTRACT NO. DNR 06-E34**

**PROJECT MAURY ISLAND PILE REMOVAL**

**THIS CONTRACT**, is entered into between the STATE OF WASHINGTON, DEPARTMENT OF NATURAL RESOURCES, ENGINEERING DIVISION, P. O. Box 47030, Olympia, WA 98504-7030, hereinafter called the Owner, and LAKESHORE MARINE CONSTRUCTION, INC., P.O. Box 255, Mukilteo, WA 98275, hereinafter called the Contractor, a Washington corporation existing under and by virtue of the laws of Washington and authorized to do business in the State of Washington.

**WITNESSETH:** That in consideration of the terms and conditions contained herein the parties hereto covenant and agree as follows:

1. The Contractor agrees to furnish all material, labor, tools, equipment, apparatus, facilities, etc., necessary to perform and complete the above-entitled project.
2. The Contractor agrees to complete the project in accordance with and in the manner described in the Form of Proposal, General Conditions, Special Conditions, and Specifications and Drawings, together with all amendments, modifications, supplements and addenda issued by the Owner. These documents, along with this contract, shall be collectively referred to as the Contract Documents and are by this reference incorporated herein and made part hereof. The Contractor further agrees to perform any changes in the work in accord with the Contract Documents.
3. The Owner agrees to employ, and does employ, the Contractor to provide the materials and to do and cause to be done the above-described project and to complete and finish the same in accord with the Contract Documents. The Owner further agrees to pay the Contractor pursuant to the Payment Schedule (Attachment "A") at the time, in the manner, and upon the conditions provided for in the Contract Documents.
4. The Contractor agrees that the covenants contained in the Contract Documents shall bind its successors and assigns.



5. The work to be performed under this contract shall be completed on March 15, 2007. The Contractor further agrees that, from the compensation otherwise to be paid, the Owner may retain the sum of ONE THOUSAND FIVE HUNDRED DOLLARS (\$1,500.00) for each calendar day thereafter that the work remains uncompleted, which sum is agreed upon as the liquidated damages which the Owner will sustain in case of the failure of the Contractor to complete the work at the time stipulated, and this sum is not to be construed as in any sense a penalty.
6. It is further provided that no liability shall attach to the Owner by reason of entering into this contract, except as expressly provided herein.

IN WITNESS WHEREOF, the parties have executed this instrument on the day and year below written.

LAKESHORE MARINE CONSTRUCTION, INC.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_

State Contractor's License No.

LAKESMC984M

Fed.Tax.I.D.No. 54-2063756

U.B.I.No. 602-214-619

e-mail address: [dave@lakeshoremarine.com](mailto:dave@lakeshoremarine.com)

STATE OF WASHINGTON

DEPARTMENT OF NATURAL RESOURCES

By: \_\_\_\_\_

Bruce Mackey

Lands Steward

Dated: \_\_\_\_\_

APPROVED AS TO FORM ONLY

this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
Assistant Attorney General



**ATTACHMENT A**  
**PAYMENT SCHEDULE**

### LUMP SUM ITEMS

**LUMP SUM ITEM 1. Mobilization and Demobilization.** **=\$ 16,148.78**

LUMP SUM ITEM 2. Demolish and Remove the Treated And Nontreated Structs (for Sites S-1-S-4).	=\$ 80,640.00
-------------------------------------------------------------------------------------------------	---------------

**LUMP SUM ITEM 3. Dispose of Creosote and Pressure-Treated Debris.** =\$ 49,564.00

**TRENCH SAFETY ITEM** = \$ -0-

**TOTAL PROJECT BASE BID** = \$146,352.78



**Washington Department of Natural Resources  
Puget Sound Initiative – Derelict Creosote Piling Removal**

**Best Management Practices  
For Pile Removal & Disposal**

The following Best Management Practices (BMPs) are adapted from EPA guidance (2005), Washington State Department of Transportation (WSDOT) methods and conservation activities as included in Joint Aquatic Resources Protection Application (JARPA) 2005, and Washington State Department of Resources (WADNR) “Standard Practice for the Use and Removal of Treated Wood and Pilings on and from State-Owned Aquatic Lands” 2005.

The purpose of these BMPs is to control turbidity and sediments re-entering the water column during pile removal, and prescribe debris capture and disposal of removed piles and debris.

**BMP 1. PILE REMOVAL**

**A. Vibratory extraction**

- 1) This is the preferred method of pile removal.
- 2) The vibratory hammer is a large mechanical device (5-16 tons) that is suspended from a crane by a cable. The hammer is activated to loosen the piling by vibrating as the piling is pulled up. The hammer is shut off when the end of the piling reaches the mudline. Vibratory extraction takes approximately 15 to 30 minutes per piling depending on piling length and sediment condition.
- 3) Crane operator shall be trained to remove pile slowly. This will minimize turbidity in the water column as well as sediment disturbance.
- 4) Operator will “Wake up” pile to break up bond with sediment.
  - Vibrating breaks the skin friction bond between pile and soil.
  - Bond breaking avoids pulling out a large block of soil – possibly breaking off the pile in the process.
  - Usually there is little or no sediment attached to the skin of the pile during withdrawal. In some cases material may be attached to the pile tip, in line with the pile.

**B. Direct Pull**

- 1) This method is optional if the contractor determines it to be appropriate for the substrate type and structural integrity of the piling.
- 2) Pilings are wrapped with a choker cable or chain that is attached at the top to a crane. The crane pulls the piling directly upward, removing the piling from the sediment.



### C. Clamshell Removal

- 1) Broken and damaged pilings that cannot be removed by either the vibratory hammer or direct pull shall be removed with either a clamshell bucket or environmental clamshell.
- 2) A clamshell is a hinged steel apparatus that operates like a set of steel jaws. The bucket is lowered from a crane and the jaws grasp the piling stub as the crane pulls up.
- 3) The size of the clamshell bucket will be minimized to reduce turbidity during piling removal.
- 4) The clamshell bucket will be emptied of material onto a contained area on the barge before it is lowered into the water.

### D. Cutting

- 1) Is required if the pile breaks off at or near the existing substrate and cannot be removed using a clamshell bucket.
- 2) Prior to commencement of the work the contractor will assess the condition of the pilings. Contractors will create a log outlining the location and number of pilings that need to be cut or broken off and have this log available to the agencies upon request.
- 3) Washington State Department of Fish and Wildlife (WDFW) will be consulted to determine if this is the preferred option at any specific site.
- 4) Every attempt will be made to completely remove the piling in its entirety before cutting. If a pile is broken or breaks above the mudline during extraction, one of the methods listed below should be used to cut the pile.
  - a. A chain should be used, if practical, to attempt to entirely remove the broken pile. (BMP 1-C)
  - b. If the entire pile cannot be removed, the pile should be cut at or below the mudline by using a pneumatic underwater chainsaw. Project-specific requirements for cutoff will be set by the project manager in consultation with WDFW and Washington Department of Ecology considering the mudline elevation and the presence of contaminants in the sediment. Generally, in subtidal areas with contaminated sediments, pilings should be cut off at the mudline to minimize disturbance of the sediment. In dry, intertidal areas, piling should be cut off at least 1 foot below the mudline. In uncontaminated, subtidal areas, piling should be cut off at least 1 foot below the mudline.



- c. Piles shall be cut off at lowest practical tide condition and at slack water. This is intended to reduce turbidity due to reduced flow and short water column through which pile must be withdrawn.
- d. In deep subtidal areas, if the piling is broken off below mudline greater than 1 foot, the piling may remain. In intertidal and shallow subtidal areas, seasonal raising and lowering of the beach could expose the pilings above the mudline and leach out PAH's or other contaminants. In this case, the piling should be cut off at least two feet below the mudline if it is accidentally broken off during removal.
- e. Depending on future use, the removal contractor will provide the location of the broken pile using GPS. This will be necessary as part of debris characterization should future dredging be a possibility in the area of piling removal.

## **BMP 2. BARGE OPERATIONS, WORK SURFACE, CONTAINMENT**

- A. Barge grounding will not be permitted within project areas over eelgrass beds.
- B. Work surface on barge deck or pier shall include a containment basin for pile and any sediment removed during pulling.
  - 1) Containment basin may be constructed of durable plastic sheeting with sidewalls supported by hay bales or support structure to contain all sediment. Water run off can return to the waterway.
  - 2) Work surface on barge deck and adjacent pier shall be cleaned by disposing of sediment or other residues along with cut off piling as described in BMP #3.C below.
  - 3) Containment basin shall be removed and disposed in accordance with BMP #3.C below or in another manner complying with applicable federal and state regulations.
  - 4) Upon removal from substrate the pile shall be moved expeditiously from the water into the containment basin. The pile shall not be shaken, hosed-off, left hanging to drip or any other action intended to clean or remove adhering material from the pile.

## **BMP 3. DISPOSAL OF PILING, SEDIMENT AND CONSTRUCTION RESIDUE**

- A. Pulled pile shall be placed in a containment basin to capture any adhering sediment. This should be done immediately after the pile is initially removed from the water.
  - 1) Utilize basin set up on the barge deck or adjacent pier
  - 2) Basin may be made of hay bales and durable plastic sheeting.
- B. Piling shall be cut into 4' lengths with standard chainsaw.
  - 1) All sawdust and cuttings shall be contained in the container.



- C. Cut up piling, sediments, construction residue and plastic sheeting from containment basin shall be packed into container. For disposal, ship to Rabanco/Regional Disposal Subtitle D Landfill in Roosevelt, Washington.

#### **BMP 4. DEBRIS CAPTURE IN WATER**

- A. A floating surface boom shall be installed to capture floating surface debris. Debris will be collected and disposed of along with cut off piling as described in BMP #3.C above.
- B. The floating surface boom shall be equipped with absorbent pads to contain any oil sheens. Absorbent pads will be disposed as described in BMP #3.C above.

#### **BMP 5. RESUSPENSION/TURBIDITY**

- A. Crane operator shall be trained to remove pile from sediment slowly.
- B. Work shall be done in low water and low current, to the extent possible.
- C. Removed piles shall be placed in a containment facility.
- D. Sediments spilled on work surfaces shall be contained and disposed of with the pile debris at permitted upland disposal site.
- E. Holes remaining after piling removal shall not be filled.

#### **BMP 6. PROJECT OVERSIGHT**

- A. WADNR will have a project manager or other assigned personnel on site. Oversight responsibilities will include, but are not limited to the following:
  - 1) Water quality monitoring to ensure turbidity levels remain within required parameters.
  - 2) Ensure contractor follows BMPs
  - 3) Ensure contractor is in compliance with contract and permit requirements
  - 4) Ensure correct structures are removed
  - 5) Maintain contact with regulatory agencies should issues or emergencies arise



# STATEMENT

MERCER ISLAND POLICE DEPARTMENT

CASE NUMBER: \_\_\_\_\_

My full name (b) (6) WILLIAM B. HANES . I am \_\_\_\_\_ years of age, my  
date of birth is (b) (6) \_\_\_\_\_  
(mailing address if different \_\_\_\_\_), my home phone  
number is (b) (6) \_\_\_\_\_, my work phone number is \_\_\_\_\_

On FEBRUARY I WAS LIVING IN BUREN  
IN MY APT. A PERSON ~~AT~~ I HAVE KNOWN  
FOR 2 YRS. NAME (b) (6) CALLED  
ME AND ASKED FOR A FAVOR I WAS  
VERY INTOXICATED. HE SAID HE WOULD  
GIVE ME 50.00 IF I HAD SOMETHING  
NOTARIZED, WHICH I GUESS WERE SOME  
LOVE LOCKS IN RENTON. HE TOOK ME TO  
THE BUREN NOTARY OFFICE, IN WHICH  
HE SAID TO SIGN A DOCUMENT. I WAS  
IN A ALCOHOLIC BLACKOUT, I APPARENTLY  
SIGNED IT, AND WAS NOT GIVEN A COPY.  
HE TOOK BACK HOME. I WAS NOT IN  
CONTACT VERY MUCH SINCE THEN WITH  
HIM. I NEVER ASKED ABOUT WHAT  
I SIGNED BECAUSE I FORGOT ALL  
ABOUT IT, BEING IN A BLACKOUT.  
I AM AN ALCOHOLIC AND HE KNOWS  
THAT SO NOW I FEEL TAKEN ADVANTAGE  
OF AT THIS POINT!!  
I HAVE NO INTEREST AT ALL IN THE  
LOVE LOCKS.  
MY EX-GIRLFRIEND CHARLOTT FLEET  
WAS DOWN HERE EARLIER AND OVERHEARD  
SOME RUD AND ELMON LATER CAUTIONING

I CERTIFY (DECLARE) UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF  
WASHINGTON THAT THE FOREGOING IS TRUE AND CORRECT. (RCW 9A.72.085)

Signature of person giving statement [Signature]

Location: FISHERMAN'S TERMINAL Date: JAN 18, 06

Witness \_\_\_\_\_ Witness \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_



STATEMENT

MERCER ISLAND POLICE DEPARTMENT

CASE NUMBER: \_\_\_\_\_

My full name is WILLIAM B HADES, I am \_\_\_\_\_ years of age, my  
date of birth is \_\_\_\_\_. I live at \_\_\_\_\_  
(mailing address if different \_\_\_\_\_), my home phone  
number is \_\_\_\_\_, my work phone number is \_\_\_\_\_

ABOUT WHAT THEY DID TO ME  
AND SAYING HE HOW HE SLOWLY  
TOOK ADVANTAGES OF A SITUATION  
(BY USING WHEN I WAS DRUNK)  
ONCE AGAIN I HAVE NO INTEREST  
IN THOSE DEDDOCKS.

I CERTIFY (DECLARE) UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF  
WASHINGTON THAT THE FOREGOING IS TRUE AND CORRECT. (RCW 9A.72.085)

Signature of person giving statement [Signature]

Location: FISHERMAN'S TERMINAL Date: JAN. 18, 05

Witness \_\_\_\_\_ Witness \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_



February 14, 2007

Mr. Ron Modjeski  
US Environmental Protection Agency  
1200 6<sup>th</sup> Avenue, CID-073  
Seattle, WA 98101

Dear Mr. Modjeski:

Thank you to you and Dan O'Malley for driving down to meet with me earlier this week. I have enclosed a copy of our derelict vessel file on the Lake Washington dry docks at your request. I will look at our region file later in the week and if there is any additional information that appears to be useful I will pass that along. Also, I have electronic copies of some of the printed materials so if you need them let me know. I included a CD with pictures in the file.

Some acronyms that may need explanation:

SOAL = state-owned aquatic land

MI = Mercer Island

AGO/AAG = Attorney General's Office/Assistant Attorney General

SQU = DNR's Sediment Quality Unit—our contaminated sediments technical experts

DVRP = Derelict Vessel Removal Program

I will look through my derelict vessel files for any additional vessels/owners that may be of interest to you. We appreciate whatever efforts you are able to make to reduce the number of derelict vessels in the state. I look forward to working with you more in the future. If you have any questions please don't hesitate to call me at 360-902-1574 (office) or (b) (6)

Sincerely,

Melissa Montgomery, Program Coordinator  
Derelict Vessel Removal Program